Registration no.'s.: 56/26/0822 & 56/26/0823

Date of revision of text: 24 July 2025

PROFESSIONAL INFORMATION

SCHEDULING STATUS

S4

reconstituted.

1. NAME OF THE MEDICINE

EQUIBEN 25, 25 mg/vial powder for concentrate for solution for infusion.

EQUIBEN 100, 100 mg/vial powder for concentrate for solution for infusion.

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

Each 25 mg/vial powder for concentrate for solution for infusion contains 25 mg bendamustine hydrochloride.

Each 100 mg/vial powder for concentrate for solution for infusion contains 100 mg bendamustine hydrochloride.

The total content of active ingredient in the vials provides 2,5 mg per mL of bendamustine hydrochloride when

Contains sugar (EQUIBEN 25 contains 42,5 mg mannitol per vial and EQUIBEN 100 contains 170 mg mannitol per vial).

For full list of excipients, see section 6.1.

3. PHARMACEUTICAL FORM

Powder for concentrate for solution for infusion.

White to off white lyophilized powder or plug filled in amber vial with rubber stopper and Aluminium seal.

4. CLINICAL PARTICULARS

4.1 Therapeutic indications

• First-line treatment of chronic lymphocytic leukaemia (Binet stage B or C) in patients for whom fludarabine combination chemotherapy is not appropriate.

• First-line treatment of indolent CD 20 positive non-Hodgkin's lymphoma in combination with rituximab.

• Indolent non-Hodgkin's lymphomas as monotherapy in patients, who have progressed during or within 6

months following treatment with rituximab or a rituximab containing regimen.

Front line treatment of multiple myeloma (Durie-Salmon stage II with progress or stage III) in combination

with prednisone for patients older than 65 years who are not eligible for autologous stem cell transplantation

and who have clinical neuropathy at time of diagnosis precluding the use of thalidomide or bortezomib

containing treatment.

4.2 Posology and method of administration

Posology

Infusion must be administered under the supervision of a medical practitioner qualified and experienced in the use of chemotherapeutic medicines.

Poor bone marrow function is related to increased chemotherapy-induced haematological toxicity. Treatment should

not be started if leukocyte and/or platelet values dropped to $\leq 3 \times 10^9/L$ or $\leq 75 \times 10^9/L$, respectively (see section

4.3).

Monotherapy for chronic lymphocytic leukaemia

100 mg/m² body surface area EQUIBEN on days 1 and 2; every 4 weeks.

Combination treatment for first-line indolent non-Hodgkin's lymphoma

90 mg/m² body surface area EQUIBEN on days 1 and 2 in combination with 375 mg/m² body surface area rituximab as a slow i.v. infusion on day 1; every 4 weeks.

Monotherapy for indolent non-Hodgkin's lymphomas refractory to rituximab

120 mg/m² body surface area EQUIBEN on days 1 and 2; every 3 weeks.

Multiple Myeloma

120 – 150 mg/m² body surface area EQUIBEN on days 1 and 2, 60 mg/m² body surface area prednisone i.v. or orally

on days 1 to 4; every 4 weeks.

Treatment should be terminated or delayed if leukocyte and/or platelet values dropped to $\leq 3 \times 10^9/L$ or $\leq 75 \times 10^9/L$,

respectively. Treatment can be continued after leukocyte values have increased to > 4 x 10⁹/L and platelet values to

 $> 100 \times 10^9/L$.

The leukocyte and platelet Nadir is reached, after 14-20 days with regeneration after 3-5 weeks. During therapy

free intervals strict monitoring of the blood count is recommended (see section 4.4).

In case of non-haematological toxicity dose reductions have to be based on the worst CTC grades in the preceding

cycle. A 50 % dose reduction is recommended in case of CTC grade 3 toxicity. An interruption of treatment is

recommended in case of CTC grade 4 toxicity. If a patient requires a dose modification the individually calculated

reduced dose must be given on day 1 and 2 of the respective treatment cycle.

For preparation and administration instructions (see section 6.6).

Special populations

Hepatic impairment

On the basis of pharmacokinetic data, no dose adjustment is necessary in patients with mild hepatic impairment

(serum bilirubin $< 34.2 \mu mol/L (2.0 mg/dL)$).

A 30 % dose reduction is recommended in patients with moderate hepatic impairment (serum bilirubin

 $(34.2 \mu mol/L - 51.3 \mu mol/L (2 - 3.0 mg/dL)).$

Page 3 of 19

No data is available in patients with severe hepatic impairment (serum bilirubin values of > 51,3 μ mol/L (3,0 mg/dL)).

Renal impairment

On the basis of pharmacokinetic data, no dose adjustment is necessary in patients with a creatinine clearance of > 10 mL/min. Experience in patients with severe renal impairment is limited.

Elderly patients

There is no evidence that dose adjustments are necessary in elderly patients (see section 5.2).

Paediatric population

There is no experience in children and adolescents with EQUIBEN.

Method of administration

For intravenous infusion over 30 to 60 minutes.

Instructions for use (see section 6.6).

4.3 Contraindications

- Hypersensitivity to the bendamustine hydrochloride or to any of the excipients listed in section 6.1.
- Pregnancy and lactation (see section 4.6).
- Severe hepatic impairment (serum bilirubin > 3,0 mg/dL).
- Jaundice.
- Severe bone marrow suppression and severe blood count alterations (leukocyte and/or platelet values dropped to < 3 x 10⁹/L or < 75 x 10⁹/L, respectively).
- Major surgery less than 30 days before start of treatment.
- Infections, especially involving leukocytopenia.
- Yellow fever vaccination or any other live (attenuated) vaccination.

Equity Pharmaceuticals (Pty) Ltd.

EQUIBEN 25 & 100, powder for concentrate for

solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

Congenital QT prolongation.

• Concomitant medicines causing QT prolongation.

4.4 Special warnings and precautions for use

Myelosuppression

Patients treated with EQUIBEN experience myelosuppression. Treatment-related myelosuppression, leukocytes,

platelets, haemoglobin, and neutrophils must be monitored at least weekly. Prior to the initiation of the next cycle of

therapy, the following parameters are recommended: Leukocyte and/or platelet values $> 4 \times 10^9/L$ or $> 100 \times 10^9/L$,

respectively.

Infections

Serious and fatal infections have occurred with bendamustine, including bacterial (sepsis, pneumonia) and

opportunistic infections such as Pneumocystis jirovecii pneumonia (PJP), varicella zoster virus (VZV) and

cytomegalovirus (CMV). Cases of progressive multifocal leukoencephalopathy (PML) including fatal ones have been

reported following the use of bendamustine mainly in combination with rituximab or obinutuzumab. Treatment with

EOUIBEN may cause prolonged lymphocytopenia (< 600/μL) and low CD4-positive T-cell (T-helper cell) counts

 $(< 200/\mu L)$ for at least 7 – 9 months after the completion of treatment. Lymphocytopenia and CD4-positive T-cell

depletion is more pronounced when EQUIBEN is combined with rituximab patients with lymphopenia and low CD4-

positive T-cell count following treatment with EQUIBEN are more susceptible to (opportunistic) infections.

In case of low CD4-positive T-cell counts (< 200/μL) Pneumocystis jirovecii pneumonia (PJP) prophylaxis should

be considered. All patients should be monitored for respiratory signs and symptoms throughout treatment. Patients

should be advised to report new signs of infection, including fever or respiratory symptoms promptly.

Discontinuation of EQUIBEN should be considered if there are signs of (opportunistic) infections.

Consider PML in the differential diagnosis in patients with new or worsening neurological, cognitive, or behavioural

signs or symptoms. If PML is suspected, then appropriate diagnostic evaluations should be undertaken, and treatment

with EQUIBEN suspended until PML is excluded.

Page 5 of 19

Hepatitis B reactivation

Reactivation of hepatitis B in patients who are chronic carriers of this virus has occurred after these patients received

bendamustine. Some cases resulted in acute hepatic failure or a fatal outcome. Patients should be tested for HBV

infection before initiating treatment with EQUIBEN. Experts in liver disease and in the treatment of hepatitis B

should be consulted before treatment is initiated in patients with positive hepatitis B tests (including those with active

disease) and for patients who test positive for HBV infection during treatment. Carriers of HBV who require treatment

with EQUIBEN should be closely monitored for signs and symptoms of active HBV infection throughout therapy

and for several months following termination of therapy (see section 4.8).

Skin reactions

A number of skin reactions have been reported. These events have included rash, severe cutaneous reactions, and

bullous exanthema. Cases of Stevens – Johnson syndrome (SJS) and Toxic Epidermal Necrolysis (TEN) and Drug

Reaction with Eosinophilia and Systemic Symptoms (DRESS), some fatal, have been reported with the use of

bendamustine. Patients should be advised of the signs and symptoms of these reactions by their prescribers and should

be told to seek medical attention immediately if they develop these symptoms. Some events occurred when

bendamustine was given in combination with other anticancer medicines, so the precise relationship is uncertain.

When skin reactions occur, they may be progressive and increase in severity with further treatment. If skin reactions

are progressive, EQUIBEN should be withheld or discontinued. For severe skin reactions with suspected relationship

to EQUIBEN, treatment should be discontinued.

Cardiac disorders

During treatment with EQUIBEN the concentration of potassium in the blood of patients with cardiac disorders must

be closely monitored and potassium supplement must be given when potassium levels are < 3,5 mEq/L (3,5 mmol/L)

and ECG measurement must be performed.

Fatal cases of myocardial infarction and cardiac failure have been reported with bendamustine treatment. Patients

with concurrent or history of cardiac disease should be observed closely.

Page 6 of 19

Nausea, vomiting

An antiemetic should be given for the symptomatic treatment of nausea and vomiting.

Tumour lysis syndrome

Tumour lysis syndrome (TLS) associated with bendamustine as in EQUIBEN treatment has been reported in patients

in clinical trials. The onset tends to be within 48 hours of the first dose of EQUIBEN and, without intervention, may

lead to acute renal failure and death. Preventive measures such as adequate hydration, close monitoring of blood

chemistry, particularly potassium and uric acid levels and the use of hypouricemic medicines (allopurinol and

rasburicase) should be considered prior to therapy. There have been a few cases of Stevens-Johnson Syndrome and

Toxic Epidermal Necrolysis reported when bendamustine and allopurinol were administered concomitantly.

Anaphylaxis

Infusion reactions to bendamustine as in EQUIBEN have occurred commonly in clinical trials. Symptoms are

generally mild and include fever, chills, pruritus, and rash. In rare instances severe anaphylactic and anaphylactoid

reactions have occurred. Patients must be asked about symptoms suggestive of infusion reactions after their first

cycle of therapy. Measures to prevent severe reactions, including antihistamines, antipyretics and corticosteroids

must be considered in subsequent cycles in patients who have previously experienced infusion reactions. In patients

who experienced Grade 3 or worse allergic-type reactions, EQUIBEN should be discontinued.

Non-melanoma skin cancer

In clinical studies, an increased risk for non-melanoma skin cancers (basal cell carcinoma and squamous cell

carcinoma) has been observed in patients treated with bendamustine containing therapies. Periodic skin examination

is recommended for all patients, particularly those with risk factors for skin cancer.

Contraception

EQUIBEN is teratogenic and mutagenic.

Women should not become pregnant during treatment. Male patients should not father a child during and up to 6

Page 7 of 19

EQUIBEN 25 & 100, powder for concentrate for

solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

Date of revision of text: 24 July 2025

months after treatment. They should seek advice about sperm conservation prior to treatment with EQUIBEN because

of possible irreversible infertility.

Extravasation

An extravasal injection should be stopped immediately. The needle should be removed after a short aspiration.

Thereafter the affected area of tissue should be cooled. The arm should be elevated. Additional treatments like the

use of corticosteroids are not of clear benefit.

There have been reports of necrosis after accidental extra-vascular administration and toxic epidermal necrosis,

tumour lysis syndrome, and anaphylaxis.

There are reports of secondary tumours, including myelodysplastic syndrome, myeloproliferative disorders, acute

myeloid leukaemia, and bronchial carcinoma.

4.5 Interaction with other medicines and other forms of interaction

No in vivo interaction studies have been performed.

When EQUIBEN is combined with myelosuppressive medicines, the effect of EQUIBEN and/or the co administered

medicinal products on the bone marrow may be potentiated. Any treatment reducing the patient's performance status

or impairing bone marrow function can increase the toxicity of EQUIBEN.

Combination of EQUIBEN with ciclosporin or tacrolimus may result in excessive immunosuppression with risk of

lymphoproliferation.

Cytostatics can reduce antibody formation following live-virus vaccination and increase the risk of infection which

may lead to fatal outcome. This risk is increased in patients who are already immunosuppressed by their underlying

disease.

Page 8 of 19

EQUIBEN 25 & 100, powder for concentrate for solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

Date of revision of text: 24 July 2025

EQUIBEN metabolism involves cytochrome P450 (CYP) 1A2 isoenzyme (see section 5.2). Therefore, the potential

for interaction with CYP1A2 inhibitors such as fluvoxamine, ciprofloxacin, acyclovir and cimetidine exist.

Paediatric population

Interaction studies have only been performed in adults.

4.6 Fertility, pregnancy and lactation

Women of childbearing potential / Contraception in males and females

Due to the genotoxic potential of bendamustine, women of childbearing potential must use effective methods of

contraception before and during EQUIBEN therapy, and for up to 6 months following completion of treatment.

Men being treated with EQUIBEN are advised to use effective contraceptive measures and not to father a child during

and for up to 6 months following cessation of treatment.

Pregnancy

There are insufficient data from the use of EQUIBEN in pregnant women. In non-clinical studies bendamustine was

embryo-/fetolethal, teratogenic and genotoxic. Therefore, EQUIBEN is contraindicated during pregnancy (see

section 4.3).

Breastfeeding

It is not known whether EQUIBEN passes into the breast milk. Treatment with EQUIBEN is therefore

contraindicated during breastfeeding (see section 4.3). Mothers on EQUIBEN must not breastfeed their babies.

Fertility

Advice on conservation of sperm should be sought prior to treatment because there is a possibility of irreversible

infertility in males due to therapy with EQUIBEN.

Page 9 of 19

EQUIBEN has major influence on the ability to drive and use machines. Ataxia, peripheral neuropathy, and

somnolence have been reported during treatment with bendamustine (see section 4.8). Patients should be instructed

that if they experience these symptoms, they should avoid potentially hazardous tasks such as driving and using

machines.

4.8 Undesirable effects

a. Summary of the safety profile

The most frequent side effects with EQUIBEN are haematological adverse reactions (leukopenia, thrombocytopenia),

dermatologic toxicities (allergic reactions), constitutional symptoms (fever), gastrointestinal symptoms (nausea,

vomiting).

b. Tabulated list of adverse reactions

MedDRA system	Frequent	Less frequent	Frequency not known
organ class			
Infections and infestations	Infection NOS including	Pneumocystis jirovecii	
	opportunistic infection	pneumonia, sepsis,	
	(e.g., herpes zoster,	septicaemia, pneumonia	
	cytomegalovirus, hepatitis	primary atypical,	
	B)	tuberculosis	
Neoplasm benign,	Tumour lysis syndrome	Myelodysplastic	
malignant, and unspecified		syndrome, acute	
(including cysts and polyp)		myeloid leukaemia	
Blood and lymphatic system	Leukopenia (not otherwise	Pancytopenia, bone	
disorders	specified),	marrow failure,	
	thrombocytopenia,	haemolysis	
	lymphopenia, anaemia,		

Equity Pharmaceuticals (Pty) Ltd.

Skin and subcutaneous

EQUIBEN 25 & 100, powder for concentrate for solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

	neutropenia, haemorrhage		
Immune system disorders	Hypersensitivity (not	Anaphylactic reaction,	
	otherwise specified)	anaphylactoid reaction,	
		anaphylactic shock	
Nervous system disorders	Headache, insomnia,	Somnolence, aphonia,	
	dizziness	dysgeusia, paraesthesia,	
		peripheral sensory	
		neuropathy,	
		anticholinergic	
		syndrome, neurological	
		disorders, ataxia,	
		encephalitis	
Cardiac disorders	Cardiac dysfunction, such	Pericardial effusion,	Atrial fibrillation
	as tachycardia,	myocardial infarction,	
	palpitations, angina	cardiac failure	
	pectoris, dysrhythmia, QT		
	prolongation		
Vascular disorders	Hypotension, hypertension	Acute circulatory	
		failure, phlebitis	
Respiratory, thoracic, and	Pulmonary dysfunction	Pulmonary fibrosis	Pneumonitis, pulmonary
mediastinal disorders			alveolar haemorrhage
Gastrointestinal disorders	Nausea, vomiting,	Haemorrhagic	
	diarrhoea, constipation,	oesophagitis,	
	stomatitis	gastrointestinal	
		haemorrhage	
Hepato-biliary disorder			Hepatic failure

Alopecia, skin disorders

Erythema, dermatitis,

Stevens –Johnson

Equity Pharmaceuticals (Pty) Ltd.

EQUIBEN 25 & 100, powder for concentrate for solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

tissue disorders	(not otherwise specified),	pruritus, maculopapular	syndrome, Toxic
	urticaria	rash, hyperhidrosis	Epidermal Necrolysis
			(TEN), Drug Reaction
			with Eosinophilia and
			Systemic Symptoms
			(DRESS)*
Renal and urinary			Renal failure
disorders			
Reproductive system and	Amenorrhea	Infertility	
breast disorders			
General disorders and	Mucosal inflammation,	Multi organ failure	
administration site	fatigue, pyrexia, pain,		
conditions	chills, dehydration,		
	anorexia		
Investigations	Haemoglobin decrease,		
	creatinine increase, urea		
	increase, AST increase,		
	ALT increase, alkaline		
	phosphatase increase,		
	bilirubin increase,		
	hypokalaemia		
		1	1

^{*} combination therapy with rituximab

NOS: Not otherwise specified.

c. Description of selected adverse reactions

There have been isolated reports of necrosis after accidental extra-vascular administration and tumour lysis syndrome, and anaphylaxis.

Equity Pharmaceuticals (Pty) Ltd.

Professional Information

EQUIBEN 25 & 100, powder for concentrate for

solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

Date of revision of text: 24 July 2025

The risk of myelodysplastic syndrome and acute myeloid leukaemias is increased in patients treated with alkylating

medicines (including bendamustine). The secondary malignancy may develop several years after chemotherapy has

been discontinued.

Reporting of suspected adverse reactions

Reporting suspected adverse reactions after authorisation of the medicine is important. It allows continued monitoring

of the benefit/risk balance of the medicine. Healthcare providers are asked to report any suspected adverse reactions

to SAHPRA via the Med Safety APP (Medsafety X SAHPRA) and eReporting platform (who-umc.org) found on the

SAHPRA website.

4.9 Overdose

After application of a 30 min infusion of bendamustine once every 3 weeks the maximum tolerated dose (MTD) was

280 mg/m². Cardiac events of CTC grade 2 which were compatible with ischaemic ECG changes occurred which

were regarded as dose limiting.

In a subsequent study with a 30 min infusion of bendamustine at day 1 and 2 every 3 weeks the MTD was found to

be 180 mg/m². The dose limiting toxicity was grade 4, thrombocytopenia. Cardiac toxicity was not dose limiting with

this schedule.

Counter measures

There is no specific antidote. Bone marrow transplantation and transfusions (platelets, concentrated erythrocytes)

may be made, or haematological growth factors may be given as effective countermeasures to control haematological

side effects.

EQUIBEN and its metabolites are dialysable to a small extent.

5. PHARMACOLOGICAL PROPERTIES

5.1 Pharmacodynamic properties

Category and class: A. 26 Cytostatic agents

Page 13 of 19

Equity Pharmaceuticals (Pty) Ltd.

Professional Information

Date of revision of text: 24 July 2025

EQUIBEN 25 & 100, powder for concentrate for

solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

Pharmacotherapeutic group: Antineoplastic agents, alkylating agents.

ATC code: L01AA09

Mechanism of action

Bendamustine hydrochloride is an alkylating antitumour medicine with unique activity. The antineoplastic and

cytocidal effect of bendamustine hydrochloride is based essentially on a cross-linking of DNA single and double

strands by alkylation. As a result, DNA matrix functions and DNA synthesis and repair are impaired.

The antitumour effect of bendamustine hydrochloride has been demonstrated by several *in vitro* studies in different

human tumour cell lines (breast cancer, non-small cell and small cell lung cancer, ovarian carcinoma, and different

leukaemia) and in vivo in different experimental tumour models with tumours of mouse, rat, and human origin

(melanoma, breast cancer, sarcoma, lymphoma, leukaemia, and small cell lung cancer).

Bendamustine hydrochloride showed an activity profile in human tumour cell lines different to that of other alkylating

medicines. The active substance revealed no or very low cross-resistance in human tumour cell lines with different

resistance mechanisms at least in part due to a comparatively persistent DNA interaction. Additionally, it was shown

in clinical studies that there is no complete cross-resistance of bendamustine with anthracyclines, alkylating

medicines, or rituximab. However, the number of assessed patients is small.

5.2 Pharmacokinetic properties

Distribution

The elimination half-life t_{1/2β} after 30 min i.v. infusion of 120 mg/m² area to subjects was 28,2 minutes.

Following 30 min i.v. infusion the central volume of distribution was 19,3 litre. Under steady-state conditions

following i.v. bolus injection the volume of distribution was 15.8 - 20.5 L.

More than 95 % of the substance is bound to plasma proteins (primarily albumin).

Biotransformation

A major route of clearance of bendamustine is the hydrolysis to monohydroxy- and dihydroxybendamustine.

Formation of N-desmethyl-bendamustine and gamma-hydroxy bendamustine by hepatic metabolism involves

Page 14 of 19

cytochrome P450 (CYP) 1A2 isoenzyme. Another major route of bendamustine metabolism involves conjugation

with glutathione.

In vitro bendamustine does not inhibit CYP 1A4, CYP 2C9/10, CYP 2D6, CYP 2E1 and CYP 3A4.

Elimination

The mean total clearance after 30 min i.v. infusion of 120 mg/m² body surface area to subjects was 639,4 mL/minute.

About 20 % of the administered dose was recovered in urine within 24 hours. Amounts excreted in urine were in the

order monohydroxy-bendamustine > bendamustine > dihydroxy-bendamustine > oxidised metabolite > N-desmethyl

bendamustine. In the bile, primarily polar metabolites are eliminated.

Special populations

Hepatic impairment

In patients with 30 to 70 % tumour infiltration of the liver and mild hepatic impairment (serum bilirubin

< 34,2 µmol/L (2,0 mg/dL)) the pharmacokinetic behaviour was not changed.

There was no significant difference to patients with normal liver and kidney function with respect to C_{max} , t_{max} , AUC,

t_{1/28}, volume of distribution and clearance. AUC and total body clearance of bendamustine correlate inversely with

serum bilirubin.

Renal impairment

In patients with creatinine clearance > 10 mL/min including dialysis dependent patients, no significant difference to

patients with normal liver and kidney function was observed with respect to C_{max}, t_{max}, AUC, t_{1/28}, volume of

distribution and clearance.

Elderly subjects

Subjects up to 84 years of age were included in pharmacokinetic studies. Higher age does not influence the

pharmacokinetics of bendamustine.

Page 15 of 19

EQUIBEN 25 & 100, powder for concentrate for solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

6. PHARMACEUTICAL PARTICULARS

6.1 List of excipients

Mannitol (E421)

6.2 Incompatibilities

EQUIBEN must not be mixed with other medicines except those mentioned in section 6.6.

6.3 Shelf life

Unopened vial:

2 years.

Reconstituted and diluted solution:

The powder should be reconstituted immediately after opening of the vial.

The reconstituted concentrate should be diluted immediately with 0,9 % sodium chloride solution.

Solution for infusion

After reconstitution and dilution, chemical and physical stability has been demonstrated for 3,5 hours at 25 °C/ 60%

RH and 2 days at 2 °C to 8 °C in polyethylene bags.

From a microbiological point of view, the solution should be used immediately. If not used immediately, in-use storage times and conditions prior to use are the responsibility of the user.

6.4 Special precautions for storage

Store at or below 25 °C.

EQUIBEN does not require any special storage conditions.

For storage conditions after reconstitution and dilution of EQUIBEN, see section 6.3.

6.5 Nature and contents of container

EQUIBEN 25 is available in 20 mL/20 mm Amber Flat Bottom tubular type-1 glass vial with 20 mm Grey bromo butyl double slotted Lyo stopper and 20 mm Aluminium Flip off Red colour seal.

The 20 mL vial contains 25 mg bendamustine hydrochloride and are supplied in packs of 1, 5, 10 and 20 vials per

outer carton.

EQUIBEN 100 is available in 50 mL/20 mm Amber Moulded type-1 glass vial with 20 mm Grey bromo butyl double

slotted Lyo stopper and 20 mm Aluminium Flip off Red colour seal.

The 50 mL vial contains 100 mg bendamustine hydrochloride and are supplied in packs of 1 and 5 vials per outer

carton.

Not all pack sizes may be marketed.

6.6 Special precautions for disposal and other handling

When handling EQUIBEN, inhalation, skin contact or contact with mucous membranes should be avoided (wear

gloves and protective clothes). Contaminated body parts should be carefully rinsed with water and soap, the eye

should be rinsed with physiological saline solution. If possible, it is recommended to work on special safety

workbenches (laminar flow) with liquid impermeable, absorbing disposable foil. Pregnant personnel should be

excluded from handling cytostatics.

The powder for concentrate for solution for infusion has to be reconstituted with water for injection, diluted with

sodium chloride 9 mg/mL (0,9 %) solution for injection and then administered by intravenous infusion. Aseptic

technique is to be used.

1. Reconstitution

Reconstitute each vial of EQUIBEN containing 25 mg bendamustine hydrochloride in 10 mL water for injection

by shaking.

Reconstitute each vial of EQUIBEN containing 100 mg bendamustine hydrochloride in 40 mL water for

injection by shaking.

The reconstituted concentrate contains 2,5 mg bendamustine hydrochloride per mL and appears as a clear colourless

Page 17 of 19

EQUIBEN 25 & 100, powder for concentrate for solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823

to slightly yellow solution.

2. Dilution

As soon as a clear solution is obtained (usually after 5-10 minutes) dilute the total recommended dose of EQUIBEN immediately with 0,9 % NaCl solution to produce a final volume of about 500 mL.

EQUIBEN must be diluted with 0,9 % NaCl solution and not with any other injectable solution.

3. Administration

The solution is administered by intravenous infusion over 30 - 60 min.

The vials are for single use only.

Any unused product or waste material should be disposed of in accordance with local requirements.

7. HOLDER OF CERTIFICATE OF REGISTRATION

Equity Pharmaceuticals (Pty) Ltd.

100 Sovereign Drive

Route 21 Corporate Park

Nellmapius Drive, Irene

Pretoria

Tel no.: +27 (012) 345 1747

8. REGISTRATION NUMBER(S)

EQUIBEN 25: 56/26/0822

EQUIBEN 100: 56/26/0823

9. DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

07 February 2023

EQUIBEN 25 & 100, powder for concentrate for solution for infusion

Registration no.'s.: 56/26/0822 & 56/26/0823 Date of revision of text: 24 July 2025

10. DATE OF REVISION OF THE TEXT

24 July 2025