



Betex SC

Name of Product

Betex SC

Strength of the medicine

Each tablet contains	Thiamine Disulfide (Vitamin B1)	100 mg
	Pyridoxine HCl (Vitamin B6)	200 mg
	Cyanocobalamin (Vitamin B12)	200 mcg

Description

Round , biconvex , yellow sugar-coated tablet.

Each tablet contains Thiamine Disulfide (Vitamin B1), Pyridoxine HCl (Vitamin B6),

Pharmacology

Thiamine is involved in carbohydrate metabolism and in nerve transmission. Pyridoxine is involved in amino acid metabolism and in protein metabolism. Cyanocobalamin influences hematopoiesis. It is involved in formation and metabolism of purines and pyrimidines and in the synthesis of nucleoproteins.

Pharmacokinetic properties

Thiamine is absorbed from the gastrointestinal tract and is widely distributed to most body tissues. It is not stored in the body and amounts in excess of the body's requirements are excreted in urine as unchanged thiamine or as its metabolite, pyrimidine.

Pyridoxine is absorbed from the gastrointestinal tract and is converted to the active form, pyridoxal phosphate. Pyridoxal phosphate is transformed to pyridoxic acid and excreted in the urine.

Cyanocobalamin is absorbed from the gastrointestinal tract. In the blood, it is bound to plasma proteins and stored in the liver. It is excreted in the bile and undergoes some enterohepatic recycling; also excreted in urine.

Indications

- Vitamin B₁, B₆, B₁₂ deficiency, neuritis, and other disorders associated with vitamin B₁, B₆, B₁₂.
- Neural Disturbance: Alcoholic neuritis, diabetic neuritis. Peripheral neuritis.
- Tonic for fatigability, convalescent and geriatric patients.

Recommended Dosage

1 tablet 3 times daily after meals or as directed by the physician.

Mode of administration

Oral

Contraindications

Allergy to cobalamin. Association with levodopa.

Precautions

Cyanocobalamin is not a suitable form of Vitamin B12 for the treatment of optic neuropathies associated with raised plasma concentration of cyanocobalamin.

Interactions

Pyridoxine decreases the action of levodopa.

Use in pregnancy and lactation

Pregnancy : The possibility of fetal harm appears remote. Use during pregnancy only if clearly needed.

Lactation : Use with caution in nursing women.

Adverse Reactions

Pruritus, urticaria, weakness, sweating, nausea, restlessness.

Overdose and Treatment

Hypersensitivity, sensory neuropathy with associated ataxia.
Treatment is symptomatic and supportive.

Storage Conditions

Store below 25 °C and protect from light.

Dosage Forms and packaging available

Tablets ; Box of 25 x 10 tablets.

Manufacturer

The United Drug (1996) Co., Ltd.
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Under the license from : FAVOREX Ltd., Switzerland

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