

Catalog	Unit
TBI1131 -10MG	10 mg
TBI1131 -50MG	50 mg

Product Details

Formal Name: 6-[4-(1-Cyclohexyl-1H-tetrazol-5-yl)-butoxy]-3,4-dihydro-2(1H)-quinolinone.

Molecular Formula: C₂₀H₂₇N₅O₂.

Formula Weight: 369.46.

CAS Number: 73963-72-1.

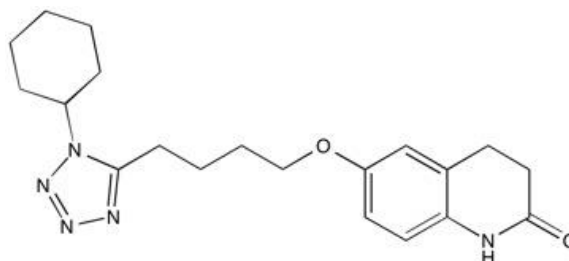
Purity: ≥98%

Formulation: Powder.

Solubility: Soluble in DMSO (up to 20 mg/ml).

Storage: Room Temperature.

Stability: ≥ 2 years.



Applications

Phosphodiesterase PDE3A inhibitor.

Functions

Cilostazol is a clinically approved phosphodiesterase III (PDE3) inhibitor (IC₅₀ = 0.2 μM) and anti-thrombotic agent. It inhibits platelet aggregation and is a direct arterial vasodilator.

Application Procedures

Cilostazol can be first dissolved in DMSO (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

Relative Products

TBI2438	EHNA Hydrochloride, PDE2 and ADA Inhibitor
TBI1220	Anagrelide HCl, PDE3 Inhibitor
TBI1221	Sildenafil citrate, PDE5 Inhibitor
TBI1008	IBMX, PDE Inhibitor (Pan Specific)
TBI1126	Vinpocetine, PDE1 Inhibitor
TBI2657	Roflumilast, PDE4 Inhibitor
TBI1319	BML-288, PDE2 Inhibitor
TBI2584	Cilostamide, PDE3 Inhibitor
TBI1131	Cilostazol, PDE3A Inhibitor
TBI1014	RO 20-1724, PDE4 Inhibitor

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