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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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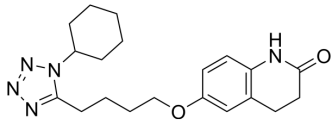
Cilostazol (Standard)

Cat. No.:	HY-17464R
CAS No.:	73963-72-1
Molecular Formula:	$C_{20}H_{27}N_5O_2$
Molecular Weight:	369.46
Target:	Autophagy; Phosphodiesterase (PDE)
Pathway:	Autophagy; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cilostazol (Standard) is the analytical standard of Cilostazol. This product is intended for research and analytical applications. Cilostazol (OPC 13013) is a potent and selective inhibitor of phosphodiesterase (PDE) 3A, the isoform of PDE 3 in the cardiovascular system, with an IC_{50} of 0.2 μM[1][2].
IC_{50} & Target	IC50: 0.2 μM (PDE 3A)[1]

REFERENCES

[1]. Schr?r K. The pharmacology of cilostazol. Diabetes Obes Metab. 2002 Mar;4 Suppl 2:S14-9.

[2]. Minami N, et al. Inhibition of shear stress-induced platelet aggregation by cilostazol, a specific inhibitor of cGMP-inhibited phosphodiesterase, in vitro and ex vivo. Life Sci. 1997;61(25):PL 383-9.

[3]. Saito S, et al. Cilostazol attenuates hepatic stellate cell activation and protects mice against carbon tetrachloride-induced liver fibrosis. Hepatol Res. 2013 Apr 19.

[4]. Ye YL,et al. Cilostazol, a phosphodiesterase 3 inhibitor, protects mice against acute and late ischemic brain injuries.Eur J Pharmacol. 2007 Feb 14;557(1):23-31. Epub 2006 Nov 10.

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