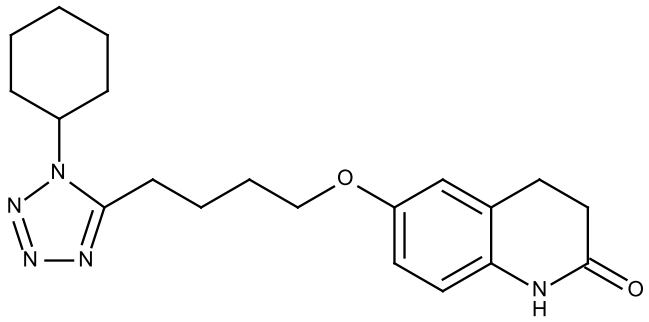
Catalog # 10-1131

Cilostazol

CAS# 73963-72-1

6-[4-(1-Cyclohexyl-1*H*-tetrazol-5-yl)-butoxy]-3,4-dihydro-2(1*H*)-quinolinone

Lot # A101177



Cilostazol is a clinically approved phosphodiesterase III (PDE3) inhibitor (IC_{50} = 0.2 µM) and anti-thrombotic agent. It inhibits platelet aggregation and is a direct arterial vasodilator.

1) Schror (2002) *The pharmacology of cilostazol.* Diabetes Obes.Metab. ***4*** S14

PHYSICAL DATA

Molecular Weight:	369.46
Molecular Formula:	$C_{20}H_{27}N_5O_2$
Purity:	>98% (TLC: 20% Methanol/methylene chloride; Rf = 0.69) NMR: (Conforms)
Solubility:	DMSO (up to 20 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at room temperature for up to 2 years from the date of purchase. Protect from exposure to moisture. Solutions in DMSO may be stored at -20°C for up to 2 months.

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