Data Sheet (Cat.No.T36723)

TargetMol

Desmethyl Ranolazine

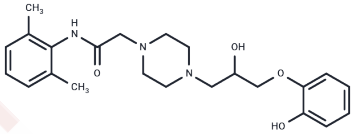
Chemical Properties

CAS No. : 172430-45-4

Formula: C23H31N3O4

Molecular Weight: 413.518

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Desmethyl ranolazine is a metabolite of the antianginal agent ranolazine .1It is formed from ranolazine by the cytochrome P450 (CYP) isoform CYP3A.
Targets(IC50)	Others,Drug Metabolite

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4183 mL	12.0913 mL	24.1826 mL
5 mM	0.4837 mL	2.4183 mL	4.8365 mL
10 mM	0.2418 mL	1.2091 mL	2.4183 mL
50 mM	0.0484 mL	0.2418 mL	0.4837 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Wang, Y., Chen, X., Sun, Z., et al.Development and validation of a sensitive LC-MS/MS assay for simultaneous quantitation of ranolazine and its three metabolites in human plasmaJ. Chromatogr. B889-89010-16(2012)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481