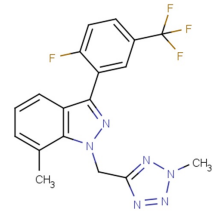


Data Sheet (Cat.No.T15587)

Inz-5

Chemical Properties

CAS No.: 1585214-21-6
 Formula: C₁₈H₁₄F₄N₆
 Molecular Weight: 390.34
 Appearance: N/A
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Inz-5 is a fungal-selective inhibitor of mitochondrial cytochrome bc1. Inz-5 impairs fungal virulence. It also prevents the evolution of drug resistance.
Targets(IC ₅₀)	Mitochondrial cytochrome bc1: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.562 mL	12.809 mL	25.619 mL
5 mM	0.512 mL	2.562 mL	5.124 mL
10 mM	0.256 mL	1.281 mL	2.562 mL
50 mM	0.051 mL	0.256 mL	0.512 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Vincent BM, et al. A Fungal-Selective Cytochrome bc1 Inhibitor Impairs Virulence and Prevents the Evolution of Drug Resistance. Cell Chem Biol. 2016 Aug 18;23(8):978-991.

Inhibitors · Natural Compounds · Compound Libraries

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:36 Washington Street,Wellesley Hills,MA 02481