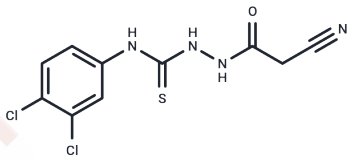
Data Sheet (Cat.No.T8722)

TargetMol

iKIX1

Chemical Properties



CAS No. : 656222-54-7

Formula: C10H8Cl2N4OS

Molecular Weight: 303.17

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	iKIX1 is an Pdr1-dependent gene activation. It re-sensitizes drug-resistant C. glabrata to azole antifungals in vitro and in animal models for disseminated and urinary tract C. glabrata infection.
Targets(IC50)	Antifungal

Solubility Information

Solubility	DMSO: 3.04 mg/mL (10.03 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2985 mL	16.4924 mL	32.9848 mL
5 mM	0.6597 mL	3.2985 mL	6.597 mL
10 mM	0.3298 mL	1.6492 mL	3.2985 mL
50 mM	0.066 mL	0.3298 mL	0.6597 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

Joy L Nishikawa, et al.Inhibiting fungal multidrug resistance by disrupting an activator-Mediator interaction. Nature. 2016 Feb 25;530(7591):485-9.

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