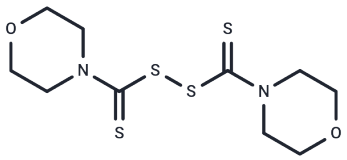
Data Sheet (Cat.No.T22350)

TargetMol
YOUR TARGET MOLECULES

JX06

Chemical Properties



CAS No. : 729-46-4

Formula: C10H16N2O2S4

Molecular Weight: 324.51

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	JX06, a potent, selective and covalent PDK inhibitor, inhibits PDK1, PDK2 and PDK3 with IC50 of 49 nM, 101 nM and 313 nM respectively.
Targets(IC50)	Apoptosis,Dehydrogenase,PDK

Solubility Information

Solubility	DMSO: 27.5 mg/mL (84.74 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0816 mL	15.4078 mL	30.8157 mL
5 mM	0.6163 mL	3.0816 mL	6.1631 mL
10 mM	0.3082 mL	1.5408 mL	3.0816 mL
50 mM	0.0616 mL	0.3082 mL	0.6163 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.

Reference

Sun W , Xie Z , Liu Y , et al. JX06 Selectively Inhibits Pyruvate Dehydrogenase Kinase PDK1 by a Covalent Cysteine Modification[J]. Cancer Research, 2015:4923-4936.

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481