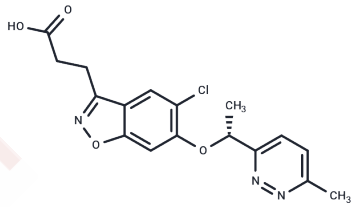
Data Sheet (Cat.No.T11470)

TargetMol

GSK 366

Chemical Properties



CAS No. : 1953157-39-5

Formula: C17H16ClN3O4

Molecular Weight: 361.78

Appearance: no data available

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

Biological Description

Description	GSK 366 is a potent kynurenine-3-monooxygenase (KMO) inhibitor with IC50 values of 0.7 nM for P. fluorescens-KMO and 2.3 nM for human KMO.
Targets(IC50)	Hydroxylase

Solubility Information

Solubility	DMSO: 250 mg/mL (691.03 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7641 mL	13.8206 mL	27.6411 mL
5 mM	0.5528 mL	2.7641 mL	5.5282 mL
10 mM	0.2764 mL	1.3821 mL	2.7641 mL
50 mM	0.0553 mL	0.2764 mL	0.5528 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

Hutchinson JP, et al. Structural and mechanistic basis of differentiated inhibitors of the acute pancreatitis target kynurenine-3-monooxygenase. Nat Commun. 2017 Jun 12;8:15827.

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