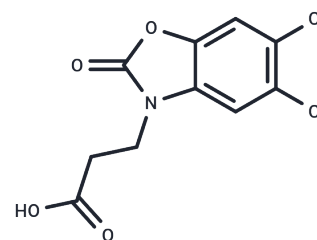


GSK180

Chemical Properties

CAS No. : 1799725-26-0
Formula: C₁₀H₇Cl₂NO₄
Molecular Weight: 276.07
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	GSK180 is a selective competitive inhibitor of kynurenine 3-monooxygenase (KMO; IC ₅₀ : ~6 nM), an enzyme involved in tryptophan metabolism.
Targets(IC ₅₀)	Hydroxylase
In vitro	GSK180 inhibits endogenous KMO activity in primary human hepatocytes (IC ₅₀ =2.6 μM) and it also inhibits rat KMO slightly less potently than the human enzyme (IC ₅₀ =7 μM).
In vivo	GSK180 is fit for i.v. management [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6223 mL	18.1113 mL	36.2227 mL
5 mM	0.7245 mL	3.6223 mL	7.2445 mL
10 mM	0.3622 mL	1.8111 mL	3.6223 mL
50 mM	0.0724 mL	0.3622 mL	0.7245 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

Mole DJ, et al. Kynurenine-3-monooxygenase inhibition prevents multiple organ failure in rodent models of acute pancreatitis. Nat Med. 2016 Feb;22(2):202-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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