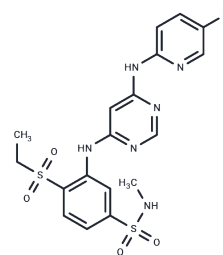


GSK854

Chemical Properties

CAS No. : 1316059-00-3
Formula: C₁₈H₁₉ClN₆O₄S₂
Molecular Weight: 482.96
Appearance: no data available
Storage: store at low temperature
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	GSK854 is a highly selective and potent inhibitor of troponin I interacting kinase (TNNI3K) that inhibits myocardial infarction-injured cellular pyroptosis and apoptosis in mice, which may limit oxidative stress, injury, and adverse remodeling in the ischemic heart.
Targets(IC50)	Apoptosis

Solubility Information

Solubility	DMSO: 100 mg/mL (207.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0706 mL	10.3528 mL	20.7056 mL
5 mM	0.4141 mL	2.0706 mL	4.1411 mL
10 mM	0.2071 mL	1.0353 mL	2.0706 mL
50 mM	0.0414 mL	0.2071 mL	0.4141 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

Philp J, et al. 4,6-Diaminopyrimidines as Highly Preferred Troponin I-Interacting Kinase (TNNI3K) Inhibitors. J Med Chem. 2018;61(7):3076-3088.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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