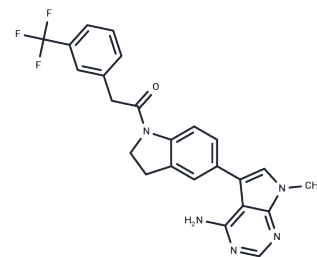


GSK2606414

Chemical Properties

CAS No. : 1337531-36-8
Formula: C₂₄H₂₀F₃N₅O
Molecular Weight: 451.44
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	GSK2606414 is an oral-available and specific PERK inhibitor (IC ₅₀ =0.4 nM).
Targets(IC ₅₀)	Apoptosis,PERK,Autophagy

Solubility Information

Solubility	DMSO: 45.1 mg/mL (100 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2151 mL	11.0757 mL	22.1513 mL
5 mM	0.443 mL	2.2151 mL	4.4303 mL
10 mM	0.2215 mL	1.1076 mL	2.2151 mL
50 mM	0.0443 mL	0.2215 mL	0.443 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

Axten JM, et al. J Med Chem. 2012, 55(16), 7193-7207.

Guo T, Liu C, Yang C, et al. Immunoproteasome subunit PSMB8 regulates microglia-mediated neuroinflammation

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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