

(3S)-GSK-F1

## Chemical Properties

CAS No. :	1384097-27-1
Formula:	C <sub>27</sub> H <sub>18</sub> F <sub>5</sub> N <sub>5</sub> O <sub>4</sub> S
Molecular Weight:	603.52
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	(3S)-GSK-F1 is a selective small molecule inhibitor of Type III Phosphatidylinositol 4-Kinase Alpha (PI4KIII $\alpha$ ), pIC <sub>50</sub> =8.3.
Targets(IC <sub>50</sub> )	PI3K,PI4K

## Solubility Information

Solubility	DMSO: 12 mg/mL (19.88 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	1.6569 mL	8.2847 mL	16.5695 mL
5 mM	0.3314 mL	1.6569 mL	3.3139 mL
10 mM	0.1657 mL	0.8285 mL	1.6569 mL
50 mM	0.0331 mL	0.1657 mL	0.3314 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Leivers AL, et al. Discovery of selective small molecule type III phosphatidylinositol 4-kinase alpha (PI4KIII $\alpha$ ) inhibitors as anti hepatitis C (HCV) agents. J Med Chem. 2014 Mar 13;57(5):2091-106.

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