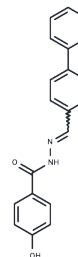


GI-560192

Chemical Properties

CAS No. : 301326-41-0
 Formula: C₂₀H₁₆N₂O₂
 Molecular Weight: 316.35
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	GI-560192 (RL-0070933) is a potent smoothened modulator with an EC ₅₀ value of 0.02 μM. GI-560192 modulates the translocation and/or accumulation of smoothened to the primary cilia by hedgehog signaling pathway.
Targets(IC ₅₀)	Hedgehog/Smoothened, Smo

Solubility Information

Solubility	DMSO: 50 mg/mL (158.05 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	3.1611 mL	15.8053 mL	31.6106 mL
5 mM	0.6322 mL	3.1611 mL	6.3221 mL
10 mM	0.3161 mL	1.5805 mL	3.1611 mL
50 mM	0.0632 mL	0.3161 mL	0.6322 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

Yu Wang, et al. Modulators of hedgehog signaling pathway. US20130274233A1.

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