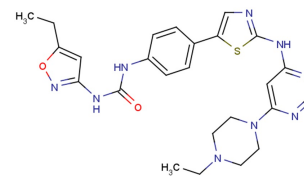


c-Kit-IN-2

Chemical Properties

CAS No.:	2121515-37-3
Formula:	C ₂₅ H ₂₉ N ₉ O ₂ S
Molecular Weight:	519.62
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	c-Kit-IN-2 is a c-KIT inhibitor (IC ₅₀ : 82 nM), shows superior antiproliferative activities against all the three GIST cell lines, GIST430, GIST882, and GIST48 (GI ₅₀ s: 1, 3, and 2 nM).
Targets(IC ₅₀)	c-KIT: 82 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.924 mL	9.622 mL	19.245 mL
5 mM	0.385 mL	1.924 mL	3.849 mL
10 mM	0.192 mL	0.962 mL	1.924 mL
50 mM	0.038 mL	0.192 mL	0.385 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Wu TS, et al. Discovery of Conformational Control Inhibitors Switching off the Activated c-KIT and Targeting a Broad Range of Clinically Relevant c-KIT Mutants. J Med Chem. 2019 Apr 25;62(8):3940-3957.

Inhibitors · Natural Compounds · Compound Libraries

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