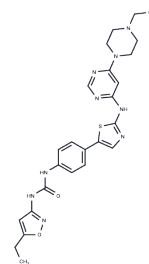


c-Kit-IN-2

Chemical Properties

CAS No. :	2121515-37-3
Formula:	C ₂₅ H ₂₉ N ₉ O ₂ S
Molecular Weight:	519.62
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	c-Kit-IN-2 is a c-KIT-targeted inhibitor with an IC ₅₀ of 82 nM. It exhibits favorable anti-proliferative effects on three gastrointestinal stromal tumor cell lines GIST882, GIST430, and GIST48, with corresponding GI ₅₀ values of 3 nM, 1 nM, and 2 nM, respectively.
Targets(IC50)	c-Kit

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9245 mL	9.6224 mL	19.2448 mL
5 mM	0.3849 mL	1.9245 mL	3.849 mL
10 mM	0.1924 mL	0.9622 mL	1.9245 mL
50 mM	0.0385 mL	0.1924 mL	0.3849 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481