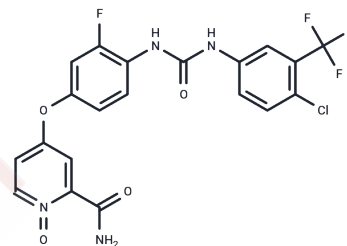


N-desmethyl Regorafenib N-oxide

Chemical Properties

CAS No. :	835621-12-0
Formula:	C ₂₀ H ₁₃ ClF ₄ N ₄ O ₄
Molecular Weight:	484.79
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	N-Desmethyl Regorafenib N-oxide, an active metabolite of the multi-kinase inhibitor regorafenib, originates through the action of the cytochrome P450 (CYP) isoform CYP3A4. This compound demonstrates efficacy in vitro by inhibiting key enzymes such as VEGFR2, Tie2, c-Kit, and B-RAF, and it exhibits tumor growth inhibition in HT-29 and MDA-MB-231 mouse xenograft models at a dosage of 1 mg/kg.
Targets(IC50)	Raf,Others,c-Kit,Drug Metabolite,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0627 mL	10.3137 mL	20.6275 mL
5 mM	0.4125 mL	2.0627 mL	4.1255 mL
10 mM	0.2063 mL	1.0314 mL	2.0627 mL
50 mM	0.0413 mL	0.2063 mL	0.4125 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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