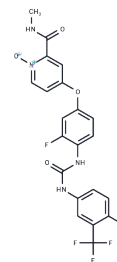


Regorafénib N-oxyde (M2)

Chemical Properties

CAS No. :	835621-11-9
Formula:	C ₂₁ H ₁₅ ClF ₄ N ₄ O ₄
Molecular Weight:	498.81
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	Regorafénib N-oxyde M2 is an active metabolite of Regorafenib, a multi-target inhibitor for VEGFR1/2/3, PDGFR β , RET, Kit, and Raf-1 (IC ₅₀ s: 13/4.2/46, 1.5, 22, 7, and 2.5 nM).
Targets(IC50)	Raf,c-RET,c-Kit,Drug Metabolite,PDGFR,VEGFR

Solubility Information

Solubility	DMSO: 5.67 mg/mL (11.37 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	2.0048 mL	10.0239 mL	20.0477 mL
5 mM	0.401 mL	2.0048 mL	4.0095 mL
10 mM	0.2005 mL	1.0024 mL	2.0048 mL
50 mM	0.0401 mL	0.2005 mL	0.401 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

Allard M, et al. Simultaneous analysis of regorafenib and sorafenib and three of their metabolites in human plasma using LC-MS/MS. J Pharm Biomed Anal. 2017 Aug 5;142:42-48.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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