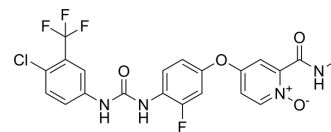


Regorafénib N-oxyde (M2)

Cat. No.:	HY-I0678
CAS No.:	835621-11-9
Molecular Formula:	C ₂₁ H ₁₅ ClF ₄ N ₄ O ₄
Molecular Weight:	498.81
Target:	Drug Metabolite; PDGFR
Pathway:	Metabolic Enzyme/Protease; Protein Tyrosine Kinase/RTK
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (100.24 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.0048 mL	10.0239 mL	20.0477 mL
	5 mM		0.4010 mL	2.0048 mL	4.0095 mL
	10 mM		0.2005 mL	1.0024 mL	2.0048 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Regorafénib N-oxyde M2 is an active metabolite of Regorafenib. Regorafenib is a multi-target inhibitor for VEGFR1/2/3, PDGFRβ, Kit, RET and Raf-1 with IC₅₀s of 13/4.2/46, 22, 7, 1.5 and 2.5 nM, respectively.

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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