Regorafénib N-oxyde (M2)

Cat. No.: HY-I0678

CAS No.: 835621-11-9

Molecular Formula: $C_{21}H_{15}ClF_4N_4O_4$

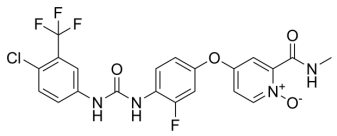
Molecular Weight: 498.81

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)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
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 IC_{50}s 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.

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