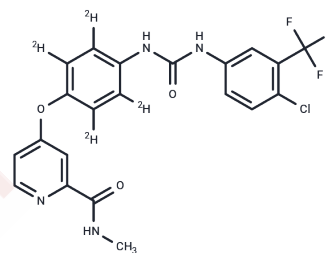


Sorafenib-D4

Chemical Properties

CAS No. :	1207560-07-3
Formula:	C ₂₁ H ₁₆ ClF ₃ N ₄ O ₃
Molecular Weight:	468.85
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	Sorafenib-D4 is the deuterium labeled Sorafenib. Sorafenib (T0093L) is an inhibitor of multikinase (Raf-1, B-Raf, and VEGFR-3 IC50s of 6 nM, 20 nM, and 22 nM, respectively).
Targets(IC50)	Apoptosis,Raf,FLT,Ferroptosis,Autophagy,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1329 mL	10.6644 mL	21.3288 mL
5 mM	0.4266 mL	2.1329 mL	4.2658 mL
10 mM	0.2133 mL	1.0664 mL	2.1329 mL
50 mM	0.0427 mL	0.2133 mL	0.4266 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

Wilhelm SM, et al. BAY 43-9006 exhibits broad spectrum oral antitumor activity and targets the RAF/MEK/ERK pathway and receptor tyrosine kinases involved in tumor progression and angiogenesis. Cancer Res. 2004 Oct 1; 64(19):7099-109.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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