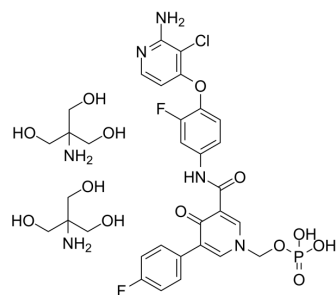


SCR-1481B1

Cat. No.:	HY-18711A
CAS No.:	1174161-86-4
Molecular Formula:	C ₃₂ H ₄₀ ClF ₂ N ₆ O ₁₃ P
Molecular Weight:	821.12
Target:	c-Met/HGFR; VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : ≥ 100 mg/mL (121.78 mM) * "≥" means soluble, but saturation unknown.					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	1.2178 mL	6.0892 mL	12.1785 mL
			5 mM	0.2436 mL	1.2178 mL	2.4357 mL
			10 mM	0.1218 mL	0.6089 mL	1.2178 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (3.04 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.04 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	SCR-1481B1 (Metatinib anhydrous) is a potent compound that has activity against cancers dependent upon Met activation and also has activity against cancers as a VEGFR inhibitor.
IC ₅₀ & Target	VEGFR1
In Vitro	More details please refer to Patent WO 2009094417 A1. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA