



SCR-1481B1

Cat. No.:	OB0225WX-1967
Appearance:	Solid
Purity:	≥98%
Identity:	Confirmed by NMR, and LC-MS.
Size:	1 mg; 2 mg; 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

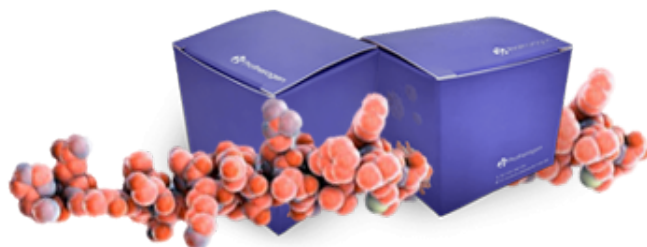
This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	SCR-1481B1 is a dual-action kinase inhibitor possessing significant inhibitory activity against both VEGFR and Met-activated signaling pathways.
Synonym	c-Met inhibitor 2; 1174161-86-4; c-Met inhibitor 2; 2-amino-2-(hydroxymethyl)propane-1,3-diol (3-((4-((2-amino-3-chloropyridin-4-yl)oxy)-3-fluorophenyl)carbamoyl)-5-(4-fluorophenyl)-4-oxopyridin-1(4H)-yl)methyl phosphate; [3-[[4-(2-amino-3-chloropyridin-4-yl)oxy-3-fluorophenyl]carbamoyl]-5-(4-fluorophenyl)-4-oxopyridin-1-yl)methyl dihydrogen phosphate; 2-amino-2-(hydroxymethyl)propane-1,3-diol
CAS No.	1174161-86-4
Compound CID	119081412
Formula	C ₃₂ H ₄₀ ClF ₂ N ₆ O ₁₃ P
Formula Weight	821.12

Specification

IUPAC Name	[3-[[4-(2-Amino-3-chloropyridin-4-yl)oxy-3-fluorophenyl]carbamoyl]-5-(4-fluorophenyl)-4-oxopyridin-1-yl)methyl dihydrogen phosphate; 2-amino-2-(hydroxymethyl)propane-1,3-diol
InChI	InChI=1S/C24H18ClF2N4O7P.C4H11NO3/c25-21-20(7-8-29-23(21)28)38-19-6-5-15(9-18(19)27)30-24(33)17-11-31(12-37-39(34,35)36)10-16(22(17)32)13-1-3-14(26)4-2-13;5-4(1-6,2-7)3-8/h1-11H,12H2,(H2,28,29)(H,30,33)(H2,34,35,36);6-8H,1-3,5H2
InChI Key	SDCKZXWUASKHNF-UHFFFAOYSA-N



SMILES string	<chem>C1=CC(=CC=C1C2=CN(C=C(C2=O)C(=O)NC3=CC(=C(C=C3)OC4=C(C(=NC=C4)N)Cl)F)COP(=O)(O)O)F.C(C(CO)(CO)N)O</chem>
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	SCR-1481B1 is employed in chemical biology research as a specialized molecular tool to study the specific inhibition of targeted kinase pathways and their biological consequences in cellular assays.

Library Information

Target	VEGFR; c-Met/HGFR
Receptor	c-Met/HGFR; VEGFR; VEGFR1
Pathways	Tyrosine kinase/adaptors; Angiogenesis
Plate Number	AOCL-26
Plate Location	b9
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	31 mg/mL; 44.29 mM