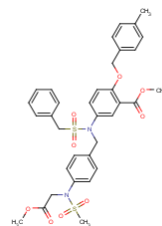


Product Name	: PTP1B-IN-2
Synonyms	: PTP1B-IN-2; PTP1B-IN-2; MDK3465
Cat No.	: M18177
CAS Number	: 1919853-46-5
Molecular Formula	: C ₃₄ H ₃₆ N ₂ O ₉ S ₂
Formula Weight	: 680.79
Chemical Name	: methyl 5-((4-((N-(4-(N-(2-methoxy-2-oxoethyl)methylsulfonamido)benzyl)-1-phenylmethyl)sulfonamido)phenoxy)methyl)-2-methylbenzoate
Description	: MDK3465, also known as PTP1B-IN-2, is a potent and selective protein tyrosine phosphatase-1B (PTP1B) inhibitor. MDK3465 has CAS#1919853-46-5. The last 4 digit of its CAS# is used for name.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: Akt
Receptor	: PTP1B
Solubility	: DMSO : ≥ 100 mg/mL; 146.89 mM
SMILES	: <chem>CC1=CC=C(C=C1)COC2=C(C=C(C=C2)N(CC3=CC=C(C=C3)N(CC(=O)OC)S(=O)(=O)C(=O)S(=O)(=O)CC4=CC=CC=C4)C(=O)OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Liu P, et al. Discovery of novel, high potent, ABC type PTP1B inhibitors with TCPTP selectivity and cellular activity. Eur J Med Chem. 2016 Aug 8;118:27-33.