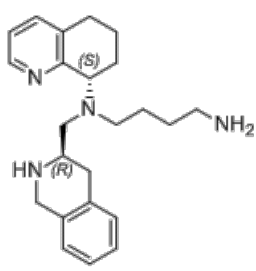


Product Name	: TIQ-15	
Synonyms	: TIQ-15; TIQ 15; TIQ15	
Cat No.	: M11572	
CAS Number	: 1380336-17-3	
Molecular Formula	: C ₂₃ H ₃₂ N ₄	
Formula Weight	: 364.54	
Chemical Name	: N1-(((R)-1,2,3,4-tetrahydroisoquinolin-3-yl)methyl)-N1-((S)-5,6,7,8-tetrahydroquinolin-8-yl)butane-1,4-diamine	
Description	: TIQ-15 is a potent and selective CXCR4 antagonist, inhibits attachment of X4 HIV-1IIIB virus in MAGI-CCR5/CXCR4 cells with IC ₅₀ of 3 nM; inhibits calcium release in Chem-1 cells with IC ₅₀ of 3 nM, shows no cross-activity in a panel of chemokine receptor assays in both CXCR and CCR types.	
Pathway	: GPCR/G Protein	
Target	: Chemokine Receptor	
Receptor	: Chemokine Receptor	
Solubility	: —	
SMILES	: <chem>NCCCCN(C[C@H]1CC2=C(C=CC=C2)CN1)[C@@H]3C4=NC=CC=C4CCC3</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Truax VM, et al. ACS Med Chem Lett. 2013 Sep 5;4(11):1025-30. 2. Yesim A. Tahirovic, et al. ACS Med. Chem. Lett., 2018, 9 (5), pp 446-451.