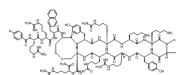


Product Name : BKT-140
Synonyms : BL-8040; TF-14016; 4F-Benzoyl-TN14003
Cat No. : M15531
CAS Number : 664334-36-5
Molecular Formula : C₉₇H₁₄₄N₃₀O₁₉S₂
Formula Weight : 2159.52



Chemical Name : L-Argininamide, N²-(4-fluorobenzoyl)-L-arginyl-L-arginyl-3-(2-naphthalenyl)-L-alanyl-L-cysteinyl-L-tyrosyl-N⁵-(aminocarbonyl)-L-ornithyl-L-lysyl-D-lysyl-L-prolyl-L-tyrosyl-L-arginyl-N⁵-(aminocarbonyl)-L-ornithyl-L-cysteinyl-, cyclic (4
Description : BKT-140 (TF-14016) is a 14-residue bio stable synthetic peptide; high-affinity CXCR4 antagonist (IC₅₀=1 nM); inhibits CXCL12-mediated migration of human Jurkat cells and mouse splenocyte in a dose-dependent manner in vitro
Pathway : GPCR/G Protein
Target : Chemokine Receptor
Receptor : Chemokine Receptor
Solubility : DMSO: ≥ 36 mg/mL
SMILES : C1CC2C(=O)NC(C(=O)NC(C(=O)NC(CSSCC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)NC(C(=O)N2C1)CCCCN)CCCCN)CCCCN(=O)N)CC3=CC=C(C=C3)O)NC(=O)C(CC4=CC5=CC=CC5=C4)NC(=O)C(CCCNC(=N)N)N
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Tamamura H, et al. FEBS Lett. 2004 Jul 2;569(1-3):99-104. 2. Peled A, et al. Clin Cancer Res. 2014 Jan 15;20(2):469-79. 3. Beider K, et al. Exp Hematol. 2011 Mar;39(3):282-92.