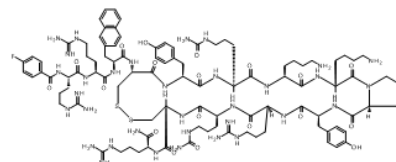


Product Name : BKT-140
Cat. No. : PC-47505
CAS No. : 664334-36-5
Molecular Formula : C₉₇H₁₄₄N₃₃O₁₉S₂
Molecular Weight : 2159.52
Target : Chemokine Receptor (CCR and CXCR)
Solubility : DMSO: ≥ 36 mg/mL



Biological Activity

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 (IC₅₀=0.65 and 0.54 nM, respectively); ameliorates severity in collagen-induced arthritis in mice.

Blood Cancer
Phase 2 Clinical

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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