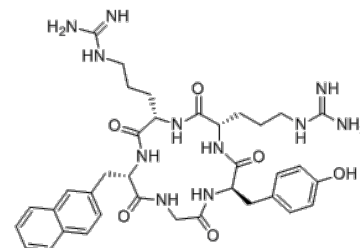


Product Name : FC131
Cat. No. : PC-61965
CAS No. : 606968-52-9
Molecular Formula : C₃₆H₄₇N₁₁O₆
Molecular Weight : 729.84
Target : Chemokine Receptor (CCR and CXCR)
Solubility : 10 mM in DMSO



Biological Activity

FC131 (cyclo(-D-Tyr-Arg-Arg-Nal-Gly-)) is a selective, cyclopentapeptide **CXCR4** antagonist with IC₅₀ of 126 nM, exhibits anti-HIV activity in assays using NL4-3 and IIIB strains with EC₅₀ of 21 nM.

References

- Tamamura H, et al. J Med Chem. 2005 Jan 27;48(2):380-91.
Thiele S, et al. Br J Pharmacol. 2014 Dec;171(23):5313-29.

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

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