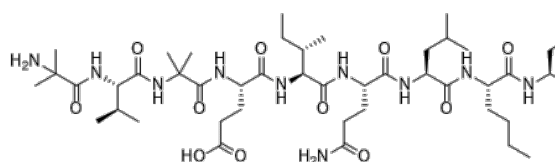


Product Name : DPC-AJ1951
Cat. No. : PC-23048
CAS No. : 943519-33-3
Molecular Formula : C₇₆H₁₂₇N₂₃O₁₉
Molecular Weight : 1666.99
Target : PTH Receptor
Solubility : 10 mM in DMSO



Biological Activity

DPC-AJ1951 is a 14 amino acid peptide, potent, selective agonist of the PTH/PTH-related peptide receptor (PPR), induces intracellular Ca²⁺ mobilization in HEK 293 cells transfected with the human PPR with EC₅₀ of 26 nM.

DPC-AJ1951 does not elicit responses from cells that did not contain the PPR, show any significant binding to the following selection of family A and B GPCRs at 10 μM.

References

Percy H Carter, et al. Proc Natl Acad Sci U S A
. 2007 Apr 17;104(16):6846-51.

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

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