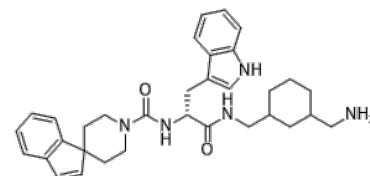


Product Name : L-054,264
Cat. No. : PC-23186
CAS No. : 208706-12-1
Molecular Formula : C₃₃H₄₁N₅O₂
Molecular Weight : 539.72
Target : Somatostatin Receptor
Solubility : 10 mM in DMSO



Biological Activity

L-054,264 is a potent, selective non-peptide human somatostatin receptor subtype 2 (sst2) agonist with K_i of 1.6 nM, >1000-fold selective over other somatostatin receptor subtypes.

L-054,264 shows full agonism on sst2 in the inhibition of forskolin-stimulated accumulation of cAMP with an IC₅₀ of 2 nM.

L-054,264 also inhibits the release of growth hormone in the rat pituitary assay with IC₅₀ of 6 nM.

References

Yang L, et al. J Med Chem. 1998 Jun 18;41(13):2175-9.

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

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