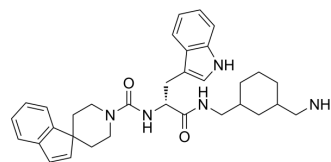


(1R,1'S,3'R/1R,1'R,3'S)-L-054,264

Cat. No.:	HY-108501
CAS No.:	208706-12-1
Molecular Formula:	C ₃₃ H ₄₁ N ₅ O ₂
Molecular Weight:	539.71
Target:	Somatostatin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(1R,1'S,3'R/1R,1'R,3'S)-L-054,264 is a selective non-peptide human somatostatin receptor subtype 2 (sst ₂) agonist. (1R,1'S,3'R/1R,1'R,3'S)-L-054,264 can be used in the study of retinal neuromodulation ^{[1][2]} .
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REFERENCES

[1]. Yang L, et al. Spiro[1H-indene-1,4'-piperidine] derivatives as potent and selective non-peptide human somatostatin receptor subtype 2 (sst₂) agonists. J Med Chem. 1998 Jun 18;41(13):2175-9.

[2]. Weir K, et al. A potential role for somatostatin signaling in regulating retinal neurogenesis. Sci Rep. 2021 May 26;11(1):10962. doi: 10.1038/s41598-021-90554-3. Erratum in: Sci Rep. 2021 Aug 16;11(1):16948.

Caution: Product has not been fully validated for medical applications. For research use only.

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