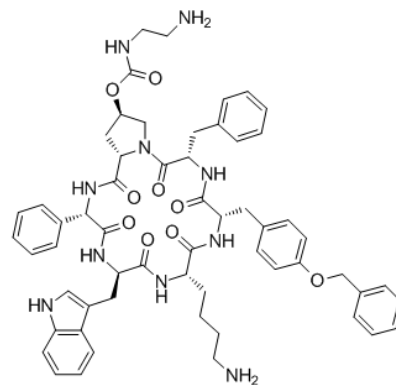


Product Name : Pasireotide
Cat. No. : PC-44950
CAS No. : 396091-73-9
Molecular Formula : C₅₈H₆₆N₁₀O₉
Molecular Weight : 1047.206
Target : Somatostatin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A potent, stable cyclohexapeptide somatostatin mimic that exhibits unique high-affinity binding to human somatostatin receptors (pK_i=8.2/9.0/9.1/<7.0/9.9 for sst1/2/3/4/5, respectively); effectively inhibits GHRH-induced growth hormone release in primary cultures of rat pituitary cells with IC₅₀ of 0.4 nM, also potently suppresses GH secretion in rats.

Cushing's Disease

Approved

References

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Bruns C, et al. Eur J Endocrinol. 2002 May;146(5):707-16.

Hofland LJ, et al. Eur J Endocrinol. 2005 Apr;152(4):645-54.

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

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