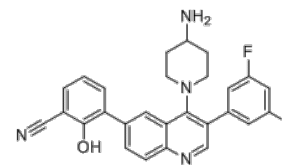


Product Name : Paltusotine
Cat. No. : PC-38007
CAS No. : 2172870-89-0
Molecular Formula : C₂₇H₂₂F₂N₄O
Molecular Weight : 456.497
Target : Somatostatin Receptor
Solubility : 10 mM in DMSO



Biological Activity

Paltusotine (CRN00808) is an orally bioavailable, nonpeptide, somatostatin receptor subtype 2 (**SST2**) agonist with EC₅₀ of 0.25 nM.

Paltusotine is >4000-fold selective for SST2 over other somatostatin receptor subtypes.

Paltusotine suppresses stimulated-GH and IGF-1 secretion in rats. Paltusotine suppresses GH and IGF-1 in a dose-dependent fashion, with a safety profile similar to currently approved SST2 receptor ligands.

Paltusotine is a promising once-daily oral nonpeptide SST2 agonist candidate for managing acromegaly and neuroendocrine tumors.

References

Gadella MR, et al. *J Clin Endocrinol Metab.* 2022 Jan 18;107(2):297-308.

Madan A, et al. *Pituitary.* 2022 Apr;25(2):328-339.

Betz SF, et al. *Endocrine Rev.* 2018;39(2):i1-i1417.

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

E-mail: tech@probechem.com