

Product Name : Cagrilintide
Cat. No. : PC-24754
CAS No. : 1415456-99-3
Molecular Formula : C₁₉₄H₃₁₂N₅₄O₅₉S₂
Molecular Weight : 4409.01
Target : CGRP Receptor
Solubility : 10 mM in DMSO

I-prolinamide, n-(19-carboxy-1-oxononadecyl)-l-gamma.-glutamyl-l-lysyl-l-cysteinyll-threonyl-l-alanyl-l-threonyl-l-glutaminyll-arginyll-leucyll-alanyl-l-arginyll-histidyll-seryll-seryll-asparaginyll-asparaginyll-phenylalanylglycyl-threonyl-l-asparaginyll-valylglycyl-l-seryll-asparaginyll-threonyl-, cyclic (3-)

Cagrilintide

Biological Activity

Cagrilintide (AM833) is a long-acting amylin analogue as a nonselective amylin receptor (AMYR) and calcitonin G protein-coupled receptor (CTR) agonist with binding IC₅₀ of 170 and 223 pM, and cAMP EC₅₀ of 348 and 287 pM for hAMY3R and hCTR respectively.

Cagrilintide has demonstrated interesting clinical performance on body weight and is intended to assist in treatment of obesity-probably in combination with semaglutide.

References

Kruse T, et al. J Med Chem. 2021 Aug 12;64(15):11183-11194.

Fletcher MM, et al. J Pharmacol Exp Ther. 2021 Jun;377(3):417-440.

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

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