

Product Name : Cagrilintide acetate
Cat. No. : PC-24755
CAS No. :
Molecular Formula : $C_{194}H_{312}N_{54}O_{59}S_2 \cdot xC_2H_4O_2$
Molecular Weight : 4409.01 (free base)
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-arginyl-l-leucyl-l-alanyl-l-arginyl-l-histidyl-l-seryl-l-seryl-l-asparaginyll-asparaginyll-phenylalanylglycyl-threonyl-l-asparaginyll-valylglycyl-l-seryl-l-asparaginyll-threonyl-, cyclic (3-)

Cagrilintide acetate

Biological Activity

Cagrilintide acetate (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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