

Product Datasheet

Pramlintide (acetate hydrate) (orb1693335)

Catalog Number	orb1693335
Category	Small Molecules
Description	Pramlintide is a synthetic, non-amyloidogenic amylin analog with proline substitutions at positions 25, 28, and 29. It potently activates human amylin receptors (AMY1a/3a) and inhibits islet amyloid polypeptide fibrilization. This peptide is used in diabetes research to study metabolic regulation and amyloidosis in both in vitro and in vivo models.
Target	Others
MW	3937.43
CAS Number	196078-30-5
Formula	C ₁₇₀ H ₂₆₇ N ₅₁ O ₅₃ S ₂
SMILES	<chem>CC[C@H](C)[C@H](NC(=O)[C@@H]1CCCN1C(=O)CNC(=O)[C@H](Cc1ccccc1)NC(=O)[C@H](CC(N)=O)NC(=O)[C@H](CC(N)=O)NC(=O)[C@H](CO)NC(=O)[C@H](CO)NC(=O)[C@H](Cc1c[nH]cn1)NC(=O)[C@@H](NC(=O)[C@H](CC(C)C)NC(=O)[C@H](Cc1ccccc1)NC(=O)[C@H](CC(N)=O)NC(=O)[C@H](C)NC(=O)[C@H](CC(C)C)NC(=O)[C@H](CCCNC(N)=N)NC(=O)[C@H](CC(N)=O)NC(=O)[C@@H](NC(=O)[C@H](C)NC(=O)[C@H](CS)NC(=O)[C@@H](NC(=O)[C@H](C)NC(=O)[C@@H](NC(=O)[C@H](CC(N)=O)NC(=O)[C@H](CS)NC(=O)[C@@H](N)CCCCN)[C@@H](C)O)[C@@H](C)O)[C@@H](C)O)C(C)C(=O)N[C@@H](CC(C)C(=O)N1CCC[C@H]1C(=O)N1CCC[C@H]1C(=O)N[C@@H]([C@@H](C)O)C(=O)N[C@@H](CC(N)=O)C(=O)N[C@@H](C(C)C)C(=O)NCC(=O)N[C@@H](CO)C(=O)N[C@@H](CC(N)=O)C(=O)N[C@@H]([C@@H](C)O)C(=O)N[C@@H](Cc1ccc(O)cc1)C(N)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558