

Product Name	: Pralmorelin
Synonyms	: —
Cat No.	: M22859
CAS Number	: 158861-67-7
Molecular Formula	: C45H55N9O6
Formula Weight	: 817.99
Chemical Name	: —
Description	<p>Pralmorelin is an oral active synthetic peptide analogue of MEK. Pralmorelin is an auxin releasing peptide/growth hormone secretory receptor agonist, can selectively stimulate ghrelin receptor and cause growth hormone release, has shown anti-inflammatory activity. An anti-inflammatory role for ghrelin (GHRP-2) in PKC-mediated inflammation of granulosa cells, at least in part, due to its inhibitory effect on PKC-induced activation of p38, JNK and NF-κB, possibly by targeting to MKP-1 and PP2A. An insulin tolerance test (ITT), CRH stimulation test, and GHRP-2 test on 47 patients suspected of having a hypothalamo-pituitary disorder were performed. The results indicate that the GHRP-2 test may induce ACTH secretion from the pituitary gland through direct stimulation.</p>
Pathway	: GPCR/G Protein
Target	: GHSR
Receptor	: GHS-R
Solubility	: —
SMILES	<chem>NCCCC[C@@H](C(N)=O)NC([C@@H](CC1=CC=CC=C1)NC([C@H](CC2=CNC3=C2C=CC=C3)NC([C@H](C)NC([C@@H](CC4=CC=C5C=CC=CC5=C4)NC([C@@H](C)N)=O)=O)=O)=O.O.[H]Cl.[H]Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Chao YN, Sun D, Peng YC, et al. Growth Hormone Releasing Peptide-2 Attenuation of Protein Kinase C-Induced Inflammation in Human Ovarian Granulosa Cells[J]. International Journal of Molecular Sciences, 2016.