

Product Data Sheet

Product Name: PAMP-12 (human, porcine)

Cat. No.: GC50496

Chemical Properties

Cas. No. 196305-05-2

Formula $C_{77}H_{119}N_{25}O_{14}$

M.Wt 1618.95

Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure Phe-Arg-Lys-Lys-Trp-Asn-Lys-Trp-Ala-Leu-Ser-Arg-NH₂

Background

Potent endogenous peptide agonist of Mas related GPR X2 (Mrgprb2/X2, EC₅₀ = 57.2 nM). Corresponds to amino acids 9 to 20 of proadrenomedullin.

Kamohara et al (2005) Identification of MrgX2 as a human G-protein-coupled receptor for proadrenomedullin N-terminal peptides. Biochem.Biophys.Res.Comm. 330 1146 PMID:15823563
|Lansu et al (2017) In silico design of novel probes for the atypical opioid receptor MRGPRX2. Nat.Chem.Biol. 13 529 PMID:28288109

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA