
Product Data Sheet

Product Name: Prepro VIP (81-122), human

Cat. No.: GC36965

Chemical Properties

Cas. No. 111366-38-2

Formula $C_{202}H_{325}N_{53}O_{64}S$

M.Wt 4552.13

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

Background

Prepro VIP (81-122), human is a prepro-vasoactive intestinal polypeptide (VIP) derived peptide, corresponding to residues 81-122. Peptide histidine valine 42 (PHV-42) has been designated to correspond exactly to Prepro VIP (81-122), which reduces both the force and frequency of spontaneous contractions of isolated rat uterus[1].

[1]. Yiangou Y, et al. Isolation, characterization, and pharmacological actions of peptide histidine valine 42, a novel prepro-vasoactive intestinal peptide-derived peptide. J Biol Chem. 1987 Oct 15;262(29):14010-3.

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

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