
Product Data Sheet

Product Name: Prepro VIP (111-122), human

Cat. No.: GC36964

Chemical Properties

Cas. No. 123025-94-5

Formula $C_{53}H_{87}N_{13}O_{21}$ M.Wt 1242.33

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 (111-122), human is a prepro-vasoactive intestinal polypeptide (VIP)-derived peptide, corresponding to residues 111-122. VIP is present in the peripheral and the central nervous systems where it functions as a nonadrenergic, noncholinergic neurotransmitter or neuromodulator[1][2].

[1]. Bredkjaer HE, et al. Location of PHM/VIP mRNA in human gastrointestinal tract detected by in situ hybridization. Cell Tissue Res. 1994 May;276(2):229-38. [2]. Henning RJ, et al. Vasoactive intestinal peptide: cardiovascular effects. Cardiovasc Res. 2001 Jan;49(1):27-37.

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

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