

---

**Product Data Sheet**

---

Product Name: PACAP-Related Peptide (PRP), human

Cat. No.: GC34233

**Chemical Properties**

Cas. No.

SMILES Asp-Val-Ala-His-Gly-Ile-Leu-Asn-Glu-Ala-Tyr-Arg-Lys-Val-Leu-Asp-Gln-Leu-Ser-Ala-Gly-Lys-His-Leu-Gln-Ser-Leu-Val-Ala

Formula C<sub>139</sub>H<sub>229</sub>N<sub>41</sub>O<sub>42</sub> M.Wt 3146.57

Solubility Soluble in Water 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**

PACAP-Related Peptide (PRP), human is a 29 amino-acid region of the PACAP precursor protein.

PACAP-Related Peptide (PRP) has a distinct biological activity on the gallbladder that is similar to pituitary adenylate cyclase activating polypeptide (PACAP) but opposite to that of vasoactive intestinal polypeptide (VIP); and its related peptide, peptide histidine methionine (PHM)[1].

[1]. Wray V, et al. Synthesis, solution structure and biological action of PACAP-related peptide. Biomed Pept Proteins Nucleic Acids. 1995;1(2):77-82.

**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