

## Product datasheet

# PACAP(6-38) (human, ovine, rat), receptor antagonist ab142330

1 Image

### Overview

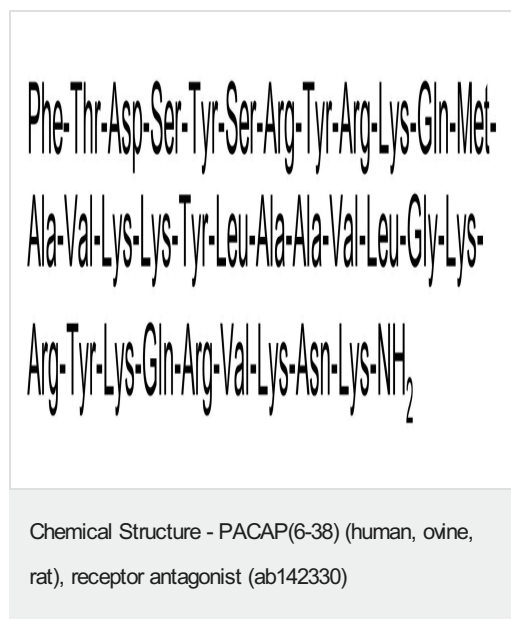
<b>Product name</b>	PACAP(6-38) (human, ovine, rat), receptor antagonist
<b>Description</b>	Potent, competitive PACAP receptor antagonist
<b>Biological description</b>	Potent, competitive pituitary adenylate cyclase-activating polypeptide (PACAP) receptor antagonist (IC <sub>50</sub> = 750 nM) (K <sub>i</sub> = 1.5 nM). Hypothalamic peptide. Anti-cancer agent. Active <i>in vitro</i> and <i>in vivo</i> .
<b>Purity</b>	> 95%
<b>CAS Number</b>	137061-48-4
<b>Chemical structure</b>	Phe-Thr-Asp-Ser-Tyr-Ser-Arg-Tyr-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Ala-Ala-Val-Leu-Gly-Lys-Arg-Tyr-Lys-Gln-Arg-Val-Lys-Asn-Lys-NH <sub>2</sub>

### Properties

<b>Molecular weight</b>	4534.40
<b>Molecular formula</b>	C <sub>182</sub> H <sub>300</sub> N <sub>56</sub> O <sub>45</sub> S
<b>Sequence</b>	FTDSYSRYRKQMAVKKYLA AVL GKRYKQ RVKNK (Modifications: C-terminal amide)
<b>PubChem identifier</b>	24868185
<b>Storage instructions</b>	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>Source</b>	Synthetic

## Images

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2D chemical structure image of ab142330, PACAP(6-38) (human, ovine, rat), receptor antagonist

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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