

Product datasheet

alpha-Calcitonin Gene Related Peptide (human), CGRP agonist ab142518

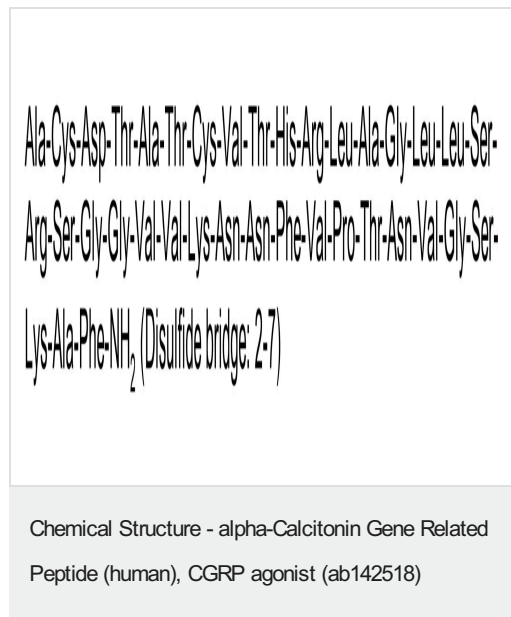
[1 References](#) [1 Image](#)

Overview

Product name	alpha-Calcitonin Gene Related Peptide (human), CGRP agonist
Description	Endogenous CGRP agonist
Biological description	Endogenous calcitonin gene related peptide agonist. Vasorelaxant, releases nitric oxide and stimulates guanylate cyclase <i>in vivo</i> . Active <i>in vivo</i> and <i>in vitro</i> . Rat isoform also available (ab142494).
Purity	> 95%
CAS Number	90954-53-3
Chemical structure	Ala-Cys-Asp-Thr-Ala-Thr-Cys-Val-Thr-His-Arg-Leu-Ala-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Gly-Val-Val-Lys-Asn-Asn-Phe-Val-Pro-Thr-Asn-Val-Gly-Ser-Lys-Ala-Phe-NH ₂ (Disulfide bridge: 2-7)

Properties

Molecular weight	3789.31
Molecular formula	C ₁₆₃ H ₂₆₇ N ₅₁ O ₄₉ S ₂
Sequence	ACDTATCVTHRLAGLLSRSGGVVKNFVPTNVGSKAF (Modifications: C-terminal amide; Disulfide bonds: 2-7)
PubChem identifier	44563440
Storage instructions	Store at -20°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 1mg/ml
Handling	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 frequently asked questions (FAQ) page for more details.
Source	Synthetic



2D chemical structure image of ab142518, alpha-Calcitonin Gene Related Peptide (human), CGRP agonist

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