

Product datasheet

Dynorphin A ab120412

Overview

Product name	Dynorphin A
Description	Potent κ agonist
Biological description	Endogenous potent κ agonist. Analgesic effects <i>in vivo</i> and involved in cardiovascular regulation.
Purity	> 95%

Properties

Molecular weight	2147.51
Chemical structure	<chem>Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Ile-Arg-Pro-Lys-Leu-Lys-Trp-Asp-Asn-Gln</chem>
Molecular formula	$C_{99}H_{155}N_{31}O_{23}$
CAS Number	80448-90-4
Sequence	YGGFLRRIRPKLKWDNQ
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water (0.4 mg/ml)
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

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