

Product datasheet

Neuropeptide S (rat), NPS receptor agonist ab120246

2 图像

概述

产品名称	Neuropeptide S (rat), NPS receptor激动剂
描述	NPS receptor激动剂
生物学描述	Endogenous ligand for the NPS receptor involved in many biological functions including sleeping/wakening, locomotion, anxiety, and food intake.
CAS编号	412938-75-1
化学结构	 Ser-Phe-Arg-Asn-Gly-Val-Gly-Ser-Gly-Val-Lys-Lys-Thr-Ser-Phe-Arg-Arg-Ala-Lys-Gln

性能

分子量	2210.52
分子式	C ₉₅ H ₁₆₀ N ₃₄ O ₂₇
序列	SFRNGVGSVKKTSFRAKQ
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in Water
处理	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.
来源	Synthetic

应用

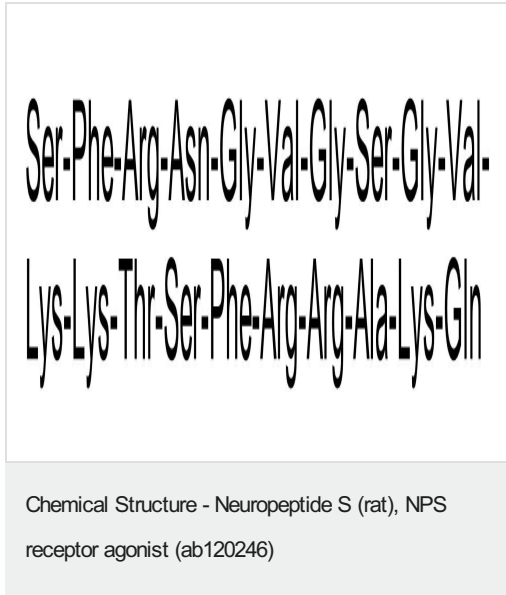
The Abpromise guarantee

Abpromise™承诺保证使用ab120246于以下的经测试应用

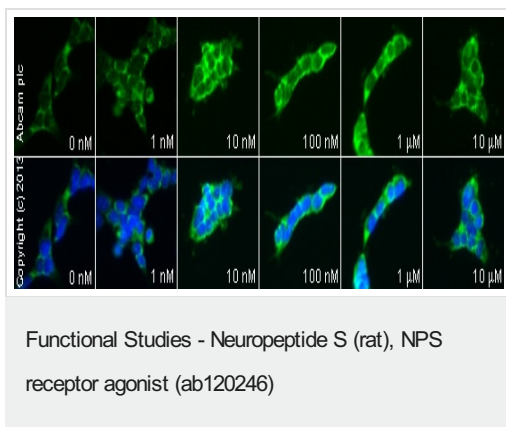
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



2D chemical structure image of ab120246, Neuropeptide S (rat), NPS receptor agonist



ab70280 staining cAMP in HEK293 cells treated with neuropeptide S (ab120246), by ICC/IF. Increase in cAMP expression correlates with increased concentration of neuropeptide S, as described in literature.

The cells were incubated at 37°C for 10 minutes in media containing different concentrations of ab120246 (neuropeptide S) in DMSO, fixed with 100% methanol for 5 minutes at -20°C and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab70280** (5 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-mouse polyclonal antibody (**ab96879**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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

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