abcam

Product datasheet

Exendin (9-39) amide, GLP-1 receptor antagonist ab141101

7 References 1 Image

Overview

Product name Exendin (9-39) amide, GLP-1 receptor antagonist

Description Potent, selective GLP-1 receptor antagonist

Biological description Potent, selective GLP-1 receptor antagonist ($K_d = 1.7 \text{ nM}$). Inhibits the generation of intracellular

cAMP induced by GLP-1 (7-36), exendin-3 and exendin-4 (ab120214). Role in appetite

modulation, water and salt homeostasis and insulin release. Active in vivo.

Purity > 98%

CAS Number 133514-43-9

Chemical structure

Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-

Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH₂

Properties

Molecular weight 3369.79

Molecular formula $C_{149}H_{234}N_{40}O_{47}S$

Sequence DLSKQMEEEAVRLFIEWLKNGGPSSGAPPPS (Modifications: C-terminal amide)

PubChem identifier 129012199

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 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

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Images

Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH₂

Chemical Structure - Exendin (9-39) amide, GLP-1 receptor antagonist (ab141101)

2D chemical structure image of ab141101, Exendin (9-39) amide, GLP-1 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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