

## Product datasheet

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

### 1 References

#### Overview

<b>Product name</b>	Exendin (9-39) amide, GLP-1 receptor antagonist
<b>Description</b>	Potent, selective GLP-1 receptor antagonist
<b>Biological description</b>	Potent, selective GLP-1 receptor antagonist ( $K_d = 1.7$ nM). Inhibits the generation of intracellular cAMP induced by GLP-1 (7-36), exendin-3 and exendin-4 ( <a href="#">ab120214</a> ). Role in appetite modulation, water and salt homeostasis and insulin release. Active <i>in vivo</i> .
<b>Purity</b>	> 98%
<b>CAS Number</b>	133514-43-9
<b>Chemical structure</b>	<div style="border: 1px solid #ccc; padding: 5px; font-family: monospace; font-size: 0.9em;">             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-NH<sub>2</sub> </div>

#### Properties

<b>Molecular weight</b>	3369.79
<b>Molecular formula</b>	C <sub>149</sub> H <sub>234</sub> N <sub>40</sub> O <sub>47</sub> S
<b>Sequence</b>	DLSKQMEEEAVRLFIEWLKNGGPSSGAPPPS (Modifications: C-terminal amide)
<b>Storage instructions</b>	Store at -20°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>	<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 <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>Source</b>	Synthetic

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