

Product datasheet

# 1Kbeta-Pompilidotoxin, slows Na<sup>+</sup>-channel inactivation ab141836

1 Image

Overview

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<b>Product name</b>	1Kbeta-Pompilidotoxin, slows Na <sup>+</sup> -channel inactivation
<b>Description</b>	Slows the Na <sup>+</sup> -channel inactivation
<b>Biological description</b>	Slows the Na <sup>+</sup> -channel inactivation. Mutated form of the β-Pompilidotoxin ( <a href="#">ab141835</a> ). Slows the inactivation of TTX-sensitive Na <sup>+</sup> channels. Selective for neuronal Na <sup>+</sup> currents. Potentiates synaptic transmission <i>in vivo</i> with greater potency than α-Pompilidotoxin ( <a href="#">Asc 1834</a> ) .
<b>Purity</b>	> 98%
<b>Chemical structure</b>	Lys-Ile-Lys-Ile-Gly-Leu-Phe-Asp-Gln-Leu-Ser-Arg-Leu-NH <sub>2</sub>

Properties

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<b>Molecular weight</b>	1531.00
<b>Molecular formula</b>	C <sub>71</sub> H <sub>124</sub> N <sub>20</sub> O <sub>17</sub>
<b>Sequence</b>	KIKIGLFDQLSRL (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>	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 <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>Source</b>	Synthetic

Images

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Lys-Ile-Lys-Ile-Gly-Leu-Phe-Asp-Gln-  
Leu-Ser-Arg-Leu-NH<sub>2</sub>

2D chemical structure image of ab141836, 1Kbeta-Pompilidotoxin,  
slows Na<sup>+</sup>-channel inactivation

Chemical Structure - 1Kbeta-Pompilidotoxin, slows  
Na<sup>+</sup>-channel inactivation (ab141836)

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

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