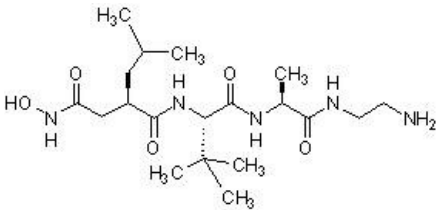


Product datasheet

TAPI-2, MMP and ADAM inhibitor ab142219

3 References

Overview

<b>Product name</b>	TAPI-2, MMP and ADAM inhibitor
<b>Description</b>	Broad spectrum MMP and ADAM inhibitor
<b>Biological description</b>	Broad spectrum inhibitor of TACE (TNF- $\alpha$ convertase/ADAM17/ $\alpha$ -secretase), MMPs and other ADAMs. Blocks phorbol-12-myristate-13-acetate-induced (PMA) shedding of cell surface proteins such as TGF- $\alpha$ and $\beta$ -amyloid precursor protein (IC <sub>50</sub> = 10 $\mu$ M). Inhibits TNF- $\alpha$ release.
<b>Purity</b>	> 95%
<b>CAS Number</b>	187034-31-7
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	<i>N</i> -[2-[2-(Hydroxyamino)-2-oxoethyl]-4-methyl-1-oxopentyl]-3-methyl-L-valyl- <i>N</i> -(2-aminoethyl)-L-alaninamide
<b>Molecular weight</b>	415.28
<b>Molecular formula</b>	C <sub>19</sub> H <sub>37</sub> N <sub>5</sub> O <sub>5</sub>
<b>PubChem identifier</b>	10093303
<b>Storage instructions</b>	Store at -20°C (desiccating conditions).
<b>Solubility overview</b>	Soluble in water to 50 mM
<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 month. 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>

**SMILES**CC(C)CC(CC(=O)NO)C(=O)NC(C(=O)NC(C)C(=O)NCCN)C(C)(C)C**Source**

Synthetic

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

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