

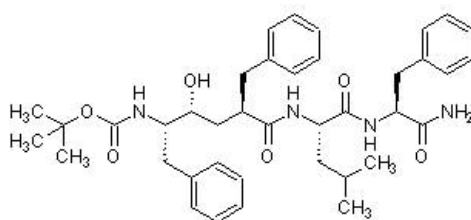
## Product datasheet

### L-685,458, gamma-secretase inhibitor ab141414

1 Image

#### Overview

<b>Product name</b>	L-685,458, gamma-secretase inhibitor
<b>Description</b>	Potent, selective and non-competitive $\gamma$ -secretase inhibitor
<b>Purity</b>	> 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called 1713 L-685, 458. 1713-250 is the same size as the 250 $\mu$ g size of ab141414.
<b>CAS Number</b>	292632-98-5
<b>Chemical structure</b>	



#### Properties

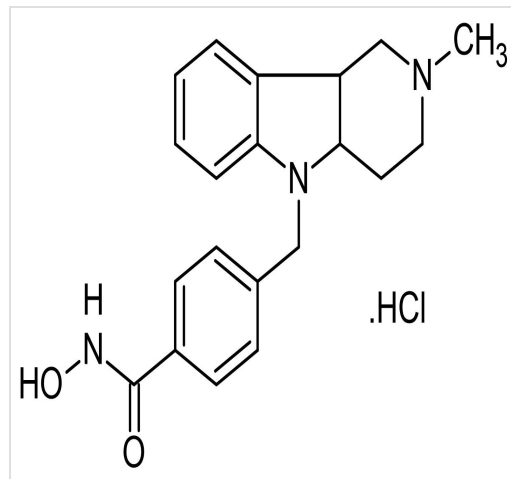
<b>Chemical name</b>	(5S)-(tert-Butoxycarbonylamino)-6-phenyl-(4R)-hydroxy-(2R)-benzylhexanoyl-L-leucyl-L-phenylalaninamide
<b>Molecular weight</b>	672.85
<b>Molecular formula</b>	C <sub>39</sub> H <sub>52</sub> N <sub>4</sub> O <sub>6</sub>
<b>PubChem identifier</b>	456313
<b>Storage instructions</b>	Store at -20°C (desiccating conditions).
<b>Solubility overview</b>	Supplied in DMSO (1 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>Refer to SDS for further information</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(C(=O)NC(CC1=CC=CC=C1)C(=O)N)NC(=O)C(CC2=CC=CC=C2)CC(C(CC3=CC=CC=C3)NC(=O)OC(C)(C)C)O

**Source**

Synthetic

**Images**

2D chemical structure image of ab141414, L-685,458, gamma-secretase inhibitor

Chemical Structure - L-685,458, gamma-secretase inhibitor (ab141414)

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

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