

## Product datasheet

# MK-8931, Beta-sectetase inhibitor ab223883

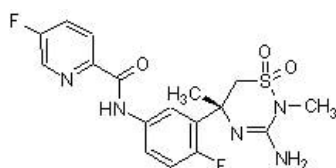
1 Image

### Overview

<b>Product name</b>	MK-8931, Beta-sectetase inhibitor
<b>Description</b>	Selective, potent Beta-sectetase inhibitor
<b>Biological description</b>	MK-8931 is a selective, potent Beta-sectetase 1 inhibitor ( $IC_{50} = 2.2$ nM).
<b>Purity</b>	> 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called B1315 MK-8931. B1315-5 is the same size as the 5 mg size of ab223883.  Protect from air and light.

**CAS Number** 1286770-55-5

### Chemical structure



### Properties

<b>Chemical name</b>	( <i>R</i> )- <i>N</i> -(3-(3-Amino-2,5-dimethyl-1,1-dioxido-5,6-dihydro-2 <i>H</i> -1,2,4-thiadiazin-5-yl)-4-fluorophenyl)-5-fluoropicolinamide
<b>Molecular weight</b>	409.41
<b>Molecular formula</b>	C <sub>17</sub> H <sub>17</sub> F <sub>2</sub> N <sub>5</sub> O <sub>3</sub> S
<b>PubChem identifier</b>	51352361
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Store In the Dark.
<b>Solubility overview</b>	Soluble in DMSO to 75 mM
<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 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.  Refer to SDS for further information  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked</a>

[questions \(FAQ\) page](#) for more details.

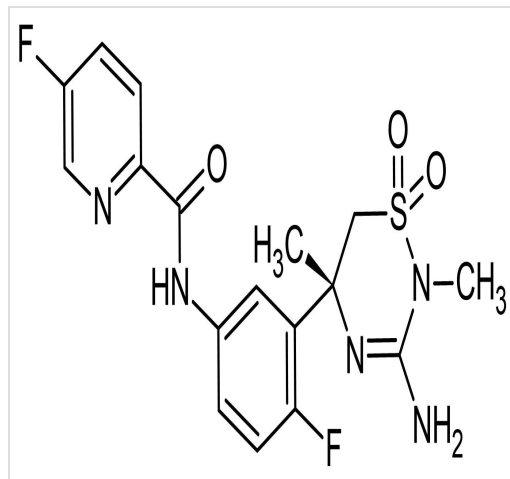
**SMILES**

C[C@]1(CS(=O)(=O)N(C(=N1)N)C)C2=C(C=CC(=C2)NC(=O)C3=NC=C(C=C3)F)F

**Source**

Synthetic

**Images**



2D chemical structure image of ab223883, MK-8931, Beta-secretase inhibitor

Chemical Structure - MK-8931, Beta-secretase inhibitor (ab223883)

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

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