

Product datasheet

Sirtinol, Sirtuin deacetylase inhibitor ab141263

2 References 1 Image

Overview

<b>Product name</b>	Sirtinol, Sirtuin deacetylase inhibitor
<b>Description</b>	Selective sirtuin deacetylase inhibitor
<b>Biological description</b>	Selective sirtuin deacetylase inhibitor (IC <sub>50</sub> values are 38, 68 and 131 μM at SIRT2, Sir2p and SIRT1 respectively). No effect on HDAC1. Cell-permeable.
<b>Purity</b>	> 99%
<b>CAS Number</b>	410536-97-9
<b>Chemical structure</b>	



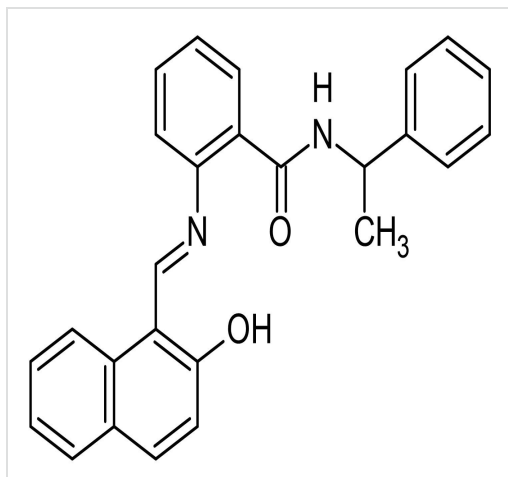
Properties

<b>Chemical name</b>	2-[[[(2-Hydroxy-1-naphthalenyl)methylene]amino]-N-(1-phenylethyl)benzamide
<b>Molecular weight</b>	394.47
<b>Molecular formula</b>	C <sub>26</sub> H <sub>22</sub> N <sub>2</sub> O <sub>2</sub>
<b>PubChem identifier</b>	5717148
<b>Storage instructions</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in DMSO to 50 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.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	CC(NC(=O)c3ccccc3/N=C/c1c2ccccc2ccc1O)c4ccccc4

Source

Synthetic

## Images



Chemical Structure - Sirtinol, Sirtuin deacetylase inhibitor (ab141263)

2D chemical structure image of ab141263, Sirtinol, Sirtuin deacetylase inhibitor

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

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