

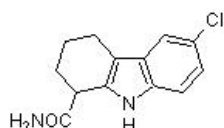
Product datasheet

EX-527, SIRT1 Inhibitor ab141506

[9 References](#) [2 Images](#)

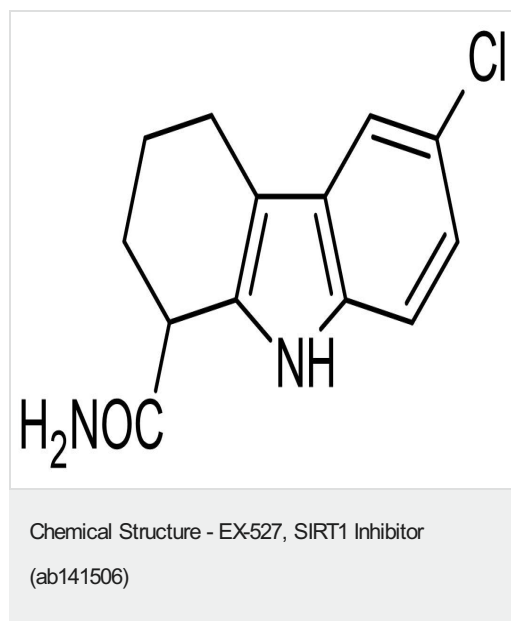
Overview

Product name	EX-527, SIRT1 Inhibitor
Description	Selective SIRT1 Inhibitor
Purity	> 97%
CAS Number	49843-98-3
Chemical structure	

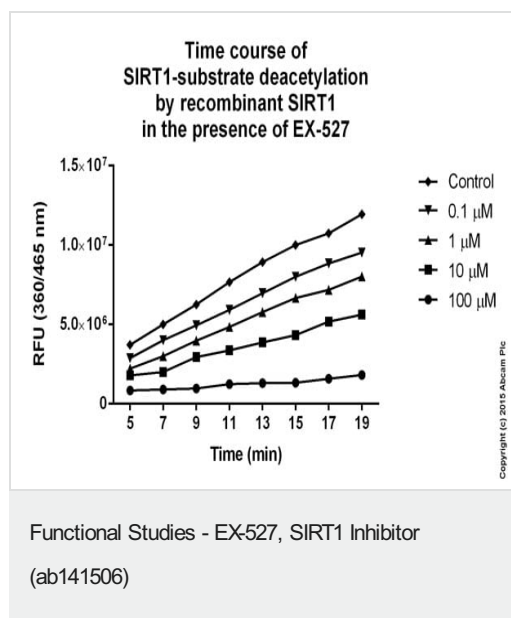


Properties

Chemical name	6-Chloro-2,3,4,9-tetrahydro-1 <i>H</i> -carbazole-1-carboxamide
Molecular weight	248.71
Molecular formula	C ₁₃ H ₁₃ ClN ₂ O
PubChem identifier	5113032
Storage instructions	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.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling	<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>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	NC(=O)C2CCCCc1c3cc(Cl)ccc3nc12
Source	Synthetic



2D chemical structure image of ab141506, EX-527, SIRT1 Inhibitor



Time course of SIRT1-substrate deacetylation by recombinant SIRT1 in the presence of EX-527.

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

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