

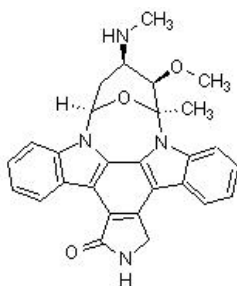
Product datasheet

Staurosporine (DMSO solution), protein kinase inhibitor ab146588

[5 References](#) [1 Image](#)

Overview

Product name	Staurosporine (DMSO solution), protein kinase inhibitor
Description	Protein kinase inhibitor
Purity	> 98%
CAS Number	62996-74-1
Chemical structure	



Properties

Chemical name	[9S-(9 α ,10 β ,11 β ,13 α)]-2,3,10,11,12,13-Hexahydro-10-methoxy-9-methyl-11-(methylamino)-9,13-epoxy-1 <i>H</i> ,9 <i>H</i> -diindolo[1,2,3- <i>gh</i> :3,2,1- <i>lm</i>]pyrrolo[3,4- <i>j</i>][1,7]benzodiazonin-1-one
Molecular weight	466.54
Molecular formula	C ₂₈ H ₂₆ N ₄ O ₃
PubChem identifier	44259
Storage instructions	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	Supplied in DMSO (1mM)
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</p>

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

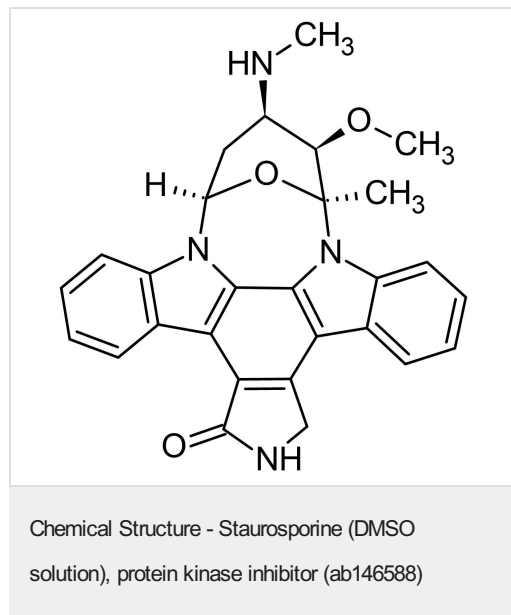
SMILES

O=C6NCc5c2c4n(c1cccc12)[C@@]3(C)O[C@H](C[C@@H](NC)[C@H]3OC)n7c4c(c56)c8cccc78

Source

Synthetic

Images



2D chemical structure image of ab146588, Staurosporine (DMSO solution), protein kinase 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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