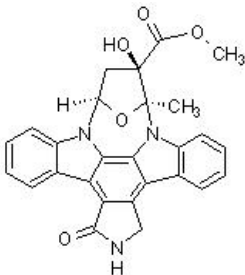


Product datasheet

K252a, protein and CAM kinase inhibitor **ab120419**

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

Overview

Product name	K252a, protein and CAM kinase inhibitor
Description	Highly potent inhibitor of protein and CAM kinases
Biological description	Highly potent, cell-permeable inhibitor of protein kinases such as PKA, PKC, PKG (IC_{50} = 18-25 nM), Serine/threonine protein kinases (IC_{50} values are 10-20 nM) and CAM kinase II (K_i = 1.8 nM). Analog of staurosporine (ab120056), exhibits a wide range of effects including neuroprotection and improvement of psoriasis <i>in vivo</i> .
Purity	> 98%
CAS Number	99533-80-9
Chemical structure	

Properties

Chemical name	(9S,10R,12R)-2,3,9,10,11,12-Hexahydro-10-hydroxy-9-methyl-1-oxo-9,12-epoxy-1H-diindolo[1,2,3-fg:3',2',1'-kl]pyrrolo[3,4-l][1,6]benzodiazocine-10-carboxylic acid methyl ester
Molecular weight	467.48
Molecular formula	C ₂₇ H ₂₁ N ₃ O ₅
PubChem identifier	3035817
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 mM and in ethanol to 5 mM
Handling	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 [frequently asked questions \(FAQ\) page](#) for more details.

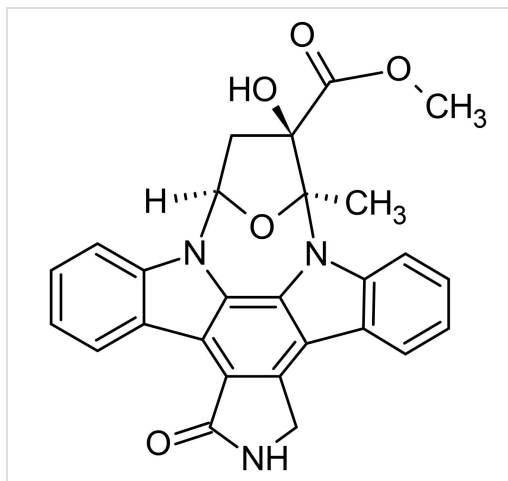
SMILES

O=C(OC)[C@@]8(O)C[C@H]7O[C@]8(C)n4c3c1n7c6cccc6c1c2c(CNC2=O)c3c5ccccc45

Source

Nocardiosis sp.

Images



2D chemical structure image of ab120419, K252a, protein and CAM kinase inhibitor

Chemical Structure - K252a, protein and CAM
kinase inhibitor (ab120419)

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

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