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DATASHEET

K-252b

Product overview

Name	K-252b
Cat No	HB0352
Biological action	Inhibitor
Purity	>98%
Description	Potent PKC and casein kinase II inhibitor

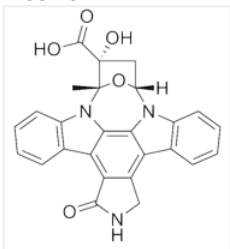
Biological Data

Biological description	Potent protein kinase C (PKC) and casein kinase II inhibitor (IC_{50} = 38.3 nM at PKC). Inhibits neurotrophic factor and nerve growth factor.
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Solubility & Handling

Solubility overview	Soluble in DMSO (1mg/ml) or DMF (1mg/ml)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	Staurosporine Aglycone
Molecular Weight	453.45
Chemical structure	
Molecular Formula	$C_{26}H_{19}N_3O_5$
CAS Number	99570-78-2
PubChem identifier	9846716
SMILES	<chem>CC12C(CC(O1)N3C4=CC=CC=C4C5=C6C(=C7C8=CC=CC=C8N2C7=C53)CNC6=O)(C(=O)O)O</chem>

References

K-252b, c and d, potent inhibitors of protein kinase C from microbial origin.

Nakanishi S *et al* (1986) J Antibiot (Tokyo) 39(8)

PubMedID [3759658](#)

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