



Product Information

JNK-c-Jun inhibitor CEP-1347, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ930

Size: 2 mg; 5 mg; 10 mg; 25 mg

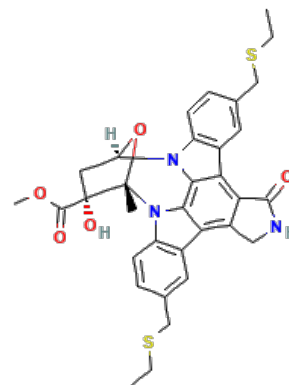
CAS Number: 156177-65-0

Compound CID: 9917013

Synonym: CEP-1347; 156177-65-0; CEP 1347; KT7515;

3,9-Bis((ethylthio)methyl)-K-252a; KT-7515; CEP1347; JNK-c-Jun inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	CEP-1347 is an inhibitor of c-jun N-terminal kinase (JNK) signaling.
Molecular Weight	615.76
Molecular Formula	C ₃₃ H ₃₃ N ₃ O ₅ S ₂
IUPAC Name	Methyl (15 <i>S</i> ,16 <i>R</i> ,18 <i>R</i>) -10,23-bis(ethylsulfanylmethyl)-16-hydroxy -15-methyl-3-oxo -28-oxa-4,14,19-triazaoctacyclo[12.11.2.115,18.02,6.07,27.08,13.019,26.020,25]octacosa-1,6,8(13), 9,11,20(25),21,23,26-nonaene-16-carboxylate
InChI	InChI=1S/C33H33N3O5S2/c1-5-42-15-17-7-9-22-19(11-17)26-27-21(14-34-30(27)37)25-20-12-18(1 6-43-6-2)8-10-23(20)36-29(25)28(26)35(22)24-13-33(39,31(38)40-4)32(36,3)41-24/h7-12,24,39H,5- 6,13-16H2,1-4H3,(H,34,37)/t24-,32+,33+/m1/s1
InChI Key	SCMLRESZJCKCTC-KMYQRJGFSA-N
Canonical SMILES	CCSCC1=CC2=C(C=C1)N3C4CC(C(O4)(N5C6=C(C=C(C=C6)CSCC)C7=C8CNC(=O)C8=C2C3=C 75)C)(C(=O)OC)O
Isomeric SMILES	CCSCC1=CC2=C(C=C1)N3[C@H]4C[C@@]([C@](O4)(N5C6=C(C=C(C=C6)CSCC)C7=C8CNC(= O)C8=C2C3=C75)C)(C(=O)OC)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.



Applications

CEP-1347 is investigated for its potential to prevent neuronal cell death by inhibiting JNK, with applications in neurodegenerative disease research.

Storage

Store at -20°C.
