



Product Information

NF-κB inhibitor (-)-DHMEQ, Purity ≥98%

Cat. No.: X23-10-ZQ786

Size: 2 mg; 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 287194-40-5

Compound CID: 9881652

Synonym: DHMEQ; 287194-40-5; Dehydroxymethylepoxyquinomicin; (-)-DHMEQ;

DHMEQ cpd;

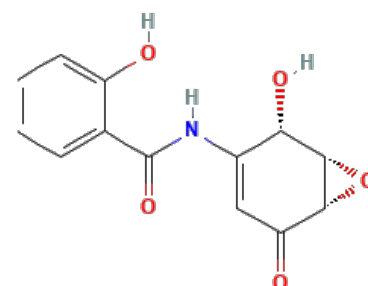
2-Hydroxy-*N*-[(1*S*,2*S*,6*S*)-2-hydroxy-5-oxo

-7-oxabicyclo[4.1.0]hept-3-en-3-yl]benzamide;

2-Hydroxy-*N*-[(1*S*,2*S*,6*S*)-2-hydroxy-5-oxo

-7-oxabicyclo[4.1.0]hept-3-en-3-yl]benzamide; NF-κB inhibitor

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



Product Information

Description	(-)-DHMEQ is a potent and specific inhibitor of NF-κB activation. It targets RelA and RelB.
Molecular Weight	261.23
Molecular Formula	C ₁₃ H ₁₁ NO ₅
Targets	RelA; RelB
IUPAC Name	2-Hydroxy- <i>N</i> -[(1 <i>S</i> ,2 <i>S</i> ,6 <i>S</i>)-2-hydroxy-5-oxo-7-oxabicyclo[4.1.0]hept-3-en-3-yl]benzamide
InChI	InChI=1S/C13H11NO5/c15-8-4-2-1-3-6(8)13(18)14-7-5-9(16)11-12(19-11)10(7)17/h1-5,10-12,15,17 H,(H,14,18)/t10-,11+,12-/m0/s1
InChI Key	IUOMATKBBPCLFR-TUAOUFCPSA-N
Canonical SMILES	C1=CC=C(C(=C1)C(=O)NC2=CC(=O)C3C(C2O)O3)O
Isomeric SMILES	C1=CC=C(C(=C1)C(=O)NC2=CC(=O)[C@@H]3[C@H]([C@H]2O)O3)O
Form	Lyophilized powder
Purity	≥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	(-)-DHMEQ can be used to investigate its inhibitory effects on NF-κB and its potential as an anti-cancer agent.



Storage

Store at -20°C.
