



Product Information

Danirixin

Cat. No.: X23-12-YM1293

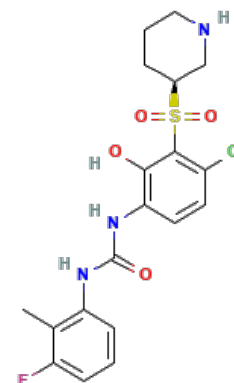
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 954126-98-8

Compound CID: 24780598

Synonym: 954126-98-8; GSK1325756; GSK 1325756; GSK-1325756

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



Product Information

Description	Danirixin, soluble in DMSO and insoluble in water and ethanol, inhibits autophagy, through multiple signaling pathways. It targets CXCL8-CXCR2.
Molecular Weight	441.9
Molecular Formula	C ₁₉ H ₂₁ ClFN ₃ O ₄ S
Targets	CXCL8-CXCR2: 12.5 nM
IUPAC Name	1-[4-Chloro-2-hydroxy-3-[(3S)-piperidin-3-yl]sulfonylphenyl]-3-(3-fluoro-2-methylphenyl)urea
InChI	InChI=1S/C19H21ClFN3O4S/c1-11-14(21)5-2-6-15(11)23-19(26)24-16-8-7-13(20)18(17(16)25)29(27,28)12-4-3-9-22-10-12/h2,5-8,12,22,25H,3-4,9-10H2,1H3,(H2,23,24,26)/t12-m/s1
InChI Key	NGYNBSHYFOFVLS-LBPRGKRZSA-N
Canonical SMILES	CC1=C(C=CC=C1F)NC(=O)NC2=C(C(=C(C=C2)Cl)S(=O)(=O)C3CCCNC3)O
Isomeric SMILES	CC1=C(C=CC=C1F)NC(=O)NC2=C(C(=C(C=C2)Cl)S(=O)(=O)[C@H]3CCCNC3)O
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 87 mg/mL (196.88 mM); Water: insoluble; Ethanol: insoluble
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Danirixin can be used for its anti-inflammatory properties.
Storage	Store at -20°C, and keep desiccated.