



Product Information

STING agonist H-151, Purity ≥98%

Cat. No.: X23-10-ZQ702

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

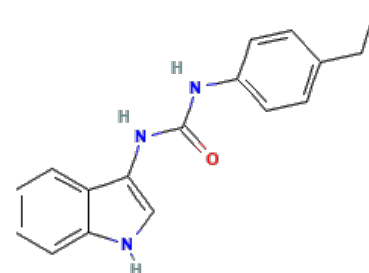
MDL: MFCD08026581

CAS Number: 941987-60-6

Compound CID: 7616033

Synonym: 941987-60-6; 1-(4-Ethylphenyl)-3-(1*H*-indol-3-yl)urea; H-151; H 151; *N*-(4-Ethylphenyl)-*N'*-1*H*-indol-3-yl-urea; STING agonist

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



Product Information

Description	H-151, soluble in DMSO and ethanol and insoluble in water, is a highly potent, selective and covalent antagonist of STING.
Molecular Weight	279.34
Molecular Formula	C ₁₇ H ₁₇ N ₃ O
IUPAC Name	1-(4-Ethylphenyl)-3-(1 <i>H</i> -indol-3-yl)urea
InChI	InChI=1S/C17H17N3O/c1-2-12-7-9-13(10-8-12)19-17(21)20-16-11-18-15-6-4-3-5-14(15)16/h3-11,18H,2H2,1H3,(H2,19,20,21)
InChI Key	UJZDIKVQFMCLBE-UHFFFAOYSA-N
Canonical SMILES	CCC1=CC=C(C=C1)NC(=O)NC2=CNC3=CC=CC=C32
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 52 mg/mL (186.15 mM); Water: Insoluble; Ethanol: 13 mg/mL (46.53 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	H-151 is used to investigate STING pathway inhibition and its effects on immune response modulation.
Storage	Store at -20°C.