

H-151, STING antagonist

Catalog	Unit
TBI4132-10MG	10 mg
TBI4132-50MG	50 mg

Product Details

Formal Name: N-(4-Ethylphenyl)-N'-1H-indol-3-yl urea

Molecular Formula: C₁₇H₁₇N₃O

Formula Weight: 279.34

CAS Number: 941987-60-6

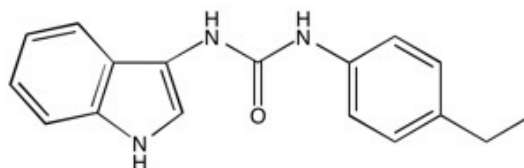
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

STING antagonist

Functions

H-151 is an inhibitor of the signaling molecule STING in mouse and human cells. It covalently binds to Cys91 of STING preventing activation via blockade of palmitoylation at Cys91. It reduced systemic cytokine response in mice treated with the STING agonist 10-carboxymethyl-9-acridanone and showed efficacy in Trex^{-/-} mice.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.