



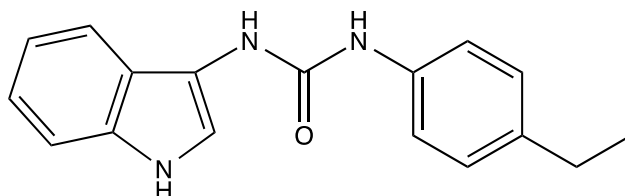
Catalog # 10-4132

H-151

CAS# 941987-60-6

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

Lot # FBA6143



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.¹ H-151 alleviates microglial dysfunction and a broad spectrum of Alzheimer's disease pathologies in AD mouse models.²

- 1) Haag *et al.* (2018), *Targeting STING with covalent small-molecule Inhibitors*; Nature **559** 269
- 2) Chung *et al.* (2024), *Blockade of STING activation alleviates microglial dysfunction and a broad spectrum of Alzheimer's disease pathologies*; Exp. Mol. Med. **56** 1936

PHYSICAL DATA

Molecular Weight:	279.34
Molecular Formula:	C ₁₇ H ₁₇ N ₃ O
Purity:	>98%
	NMR: (Conforms)
Solubility:	DMSO (25 mg/mL)
Physical Description:	Off-white solid
Storage and Stability:	Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

www.focusbiomolecules.com