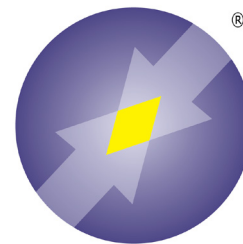


H-151

Catalog Number P023-10MG

Catalog Number P023-50MG



ARBOR
ASSAYS

FEATURES

- Potent and selective antagonist of Stimulator of Interferon Genes (STING)
- Covalently binds STING preventing assembly of STING clusters
- Inhibits the type I interferon (IFN) response and reduces the phosphorylation of TBK1
- Decreases inflammatory cytokine production in human and mouse cells *in vitro*

INTRODUCTION

H-151 (941987-60-6) is a potent, irreversible inhibitor of Stimulator of Interferon Genes (STING) in mouse and human cells. H-151 covalently binds to Cys91 of STING preventing activation *via* blockade of palmitoylation and clustering STING. H-151 blocks STING induced expression of pro-inflammatory cytokines and reduces inflammation in models of autoinflammatory disease.

FORM:	Off-White Powder
MOLECULAR WEIGHT:	279.3
STORAGE:	20°C desiccated, Solutions in DMSO may be stored at -20°C for up to 3 months
CAS NUMBER:	941987-60-6
OTHER NAMES:	<i>N-(4-Ethylphenyl)-N'-1H-indol-3-yl-urea</i>
USES:	Potent and selective antagonist of Stimulator of Interferon Genes (STING)
RESOURCES:	1) Haag et al. (2018), Targeting STING with covalent small-molecule inhibitors; Nature 559 269