

H-151

Cat. # F3400-5, F3400-25

Also Known as:	H151
Formula:	$C_{17}H_{17}N_3O$
MW:	279.3 g/mol
CAS No.:	941987-60-6
Source:	Synthetic
Form:	Powder
Solubility:	DMSO: 20mg/ml
Quality Assurance:	>98% purify by HPLC
Description:	H-151 is a potent and irreversible inhibitor of stimulator of interferon genes (STING). It covalently modifies cysteine 91 of STING, which blocks STING palmitoylation and clustering, events essential for downstream TBK1 activation and type I interferon production during immune responses to pathogenic and self-DNA detection by the cGAS-STING pathway.
Storage:	Eligible for room temperature shipping. Store at -20°C upon receiving; avoid multiple freeze-thaw cycles after dissolving in DMSO.
Literature:	Haag SM, et al., Nature, 2018, 559, 269.