

hSTING activator-1

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	hSTING activator-1 (Compound 68) is a STING agonist capable of effectively activating various human STING variants (R232, H232, HAQ), with EC50 values of 56 nM, 89 nM, and 51 nM, respectively. This compound activates the type I interferon pathway by directly binding to the STING protein and stabilizing its conformation, which leads to downstream IRF3 phosphorylation and cytokine release. hSTING activator-1 also demonstrates potential in cancer research by inhibiting fibrosarcoma tumor growth.
Targets(IC50)	IFNAR, Interleukin, STING

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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