

SMU-L11

Chemical Properties

CAS No. :

Formula: C19H24N4O

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	SMU-L11 is a specific TLR7 agonist (EC50=0.024 μ M) that recruits the MyD88 adaptor protein, activating downstream NF- κ B and MAPK signaling pathways. In mouse models, SMU-L11 significantly enhances immune cell activation and boosts CD4+ T and CD8+ T cell proliferation, leading to direct tumor cell destruction and inhibition of tumor growth. This compound has applications in cancer research and potential in studying immune system disorders.
Targets(IC50)	NF- κ B,MAPK,TLR

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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