

Product Datasheet

c-(2'FdAMP-2'FdIMP) (orb3173420)

Catalog Number	orb3173420
Category	Small Molecules
Description	The compound c-(2'FdAMP-2'FdIMP) (Compound 52) is a derivative of cAIMP and a cyclic dinucleotide (CDN). It acts as a STING agonist and significantly induces STING-dependent signaling pathways involving IRF and NF-κB. This compound is applicable in STING-based immunotherapy, including studies on cancer and infectious diseases.
Target	NF-κB, Interleukin, IFNAR, STING
MW	663.38
CAS Number	1951464-78-0
Formula	C ₂₀ H ₂₁ F ₂ N ₉ O ₁₁ P ₂
SMILES	F[C@H]1[C@H](N2C=3C(N=C2)=C(N)N=CN3)O[C@]4([C@]1(OP(=O)(O)OC[C@@]5([C@@](OP(=O)(O)OC4)([C@@H](F)[C@@H](O5)N6C7=C(N=C6)C(=O)N=CN7)[H])[H])[H])[H]
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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