

Product Datasheet

STING agonist-25 (orb1982331)

Catalog Number	orb1982331
Category	Small Molecules
Description	STING agonist-23 (CF505) is a synthetic small molecule that potently activates the STING pathway, leading to TBK1/IRF3 phosphorylation and robust induction of type I interferons and pro-inflammatory cytokines. Its activity, demonstrated in cellular studies, supports its use in immuno-oncology and antiviral research, including against coronaviruses.
Target	STING,Others
MW	751.79
CAS Number	2408723-10-2
Formula	C ₃₆ H ₄₁ N ₁₃ O ₆
SMILES	<chem>C(/C=C/CN1C=2C(N=C1NC(=O)C=3N(CC)N=C(C)C3)=CC(C(N)=O)=CN2)N4C=5C(N=C4NC(=O)C=6N(CC)N=C(C)C6)=CC(C(N)=O)=CC5OCCCO</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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