CD BioGlyco
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Product Information

STING agonist CL656, Purity ≥98%

Cat. No.: X23-10-ZQ713

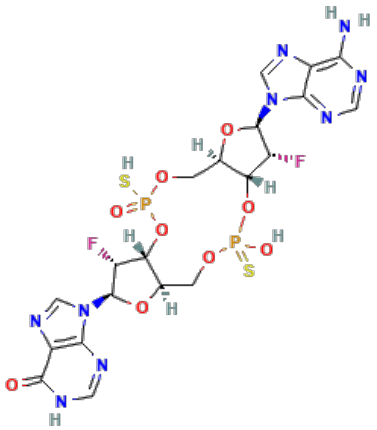
Size: 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

CAS Number: 1951464-79-1

Compound CID: 137628674

Synonym: CL656; SCHEMBL23476778; AKOS040732830; HY-112878; CS-0067203; 1951464-79-1; STING agonist

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	CL656 is a STING agonist, leading to systemic tumor regression and immunity.
Molecular Weight	695.51
Molecular Formula	$C_{20}H_{21}F_2N_9O_9P_2S_2$
IUPAC Name	9-[(1*R*,6*R*,8*R*,9*R*,10*R*,15*R*,17*R*,18*R*)-17-(6-Aminopurin-9-yl)-9,18-difluoro-3-hydroxy-12-*oxo*-12-sulfanyl-3-sulfanylidene-2,4,7,11,13,16-hexaoxa-3λ5,12λ5-diphosphatricyclo[13.3.0.06,10]octadecan-8-yl]-1*H*-purin-6-one
InChI	InChI=1S/C20H21F2N9O9P2S2/c21-9-13-7(37-19(9)30-5-28-11-15(23)24-3-25-16(11)30)1-35-42(34,44)40-14-8(2-36-41(33,43)39-13)38-20(10(14)22)31-6-29-12-17(31)26-4-27-18(12)32/h3-10,13-14,19-20H,1-2H2,(H,33,43)(H,34,44)(H2,23,24,25)(H,26,27,32)/t7-,8-,9-,10-,13-,14-,19-,20-,41?,42?/m1/s1
InChI Key	WBEHEZDHRLNQIK-IRYAPSAPSA-N
Canonical SMILES	C1C2C(C(C(O2)N3C=NC4=C3N=CNC4=O)F)OP(=O)(OCC5C(C(C(O5)N6C=NC7=C(N=CN=C76)N)F)OP(=S)(O1)O)S
Isomeric SMILES	C1[C@@H]2[C@H]([C@H]([C@@H](O2)N3C=NC4=C3N=CNC4=O)F)OP(=O)(OC[C@@H]5[C@H]([C@H]([C@@H](O5)N6C=NC7=C(N=CN=C76)N)F)OP(=S)(O1)O)S
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized

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	powder.
Applications	CL656 is used to study the inhibition of cyclin-dependent kinases and their role in cell cycle regulation.
Storage	Store at -20ºC.