2′,2″,2‴,2⁗,2⁗′,2⁗″-Hexa-F-c-hexadAMP

Analogue of the bacterial second messenger c-hexaAMP with increased metabolic stability

2',2",2‴,2⁗,2⁗′,2⁗″-Hexa-F-c-hexadAMP is an analogue of the bacterial second messenger c-hexaAMP (Cat. No.: BLG-C332) containing fluoro modifications in all ribose 2'-positions. 2',2",2‴,2⁗,2⁗′,2⁗″-Hexa-F-c-hexadAMP was found to be resistant to degradation by the type III CRISPR-associated ribonuclease Csm6 from Enterococcus italicus (EiCsm6) while it still activated EiCsm6 (EC50 = 170 nM), albeit more weakly than c-hexaAMP.

BLG-H038-005 (5 x 0.1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

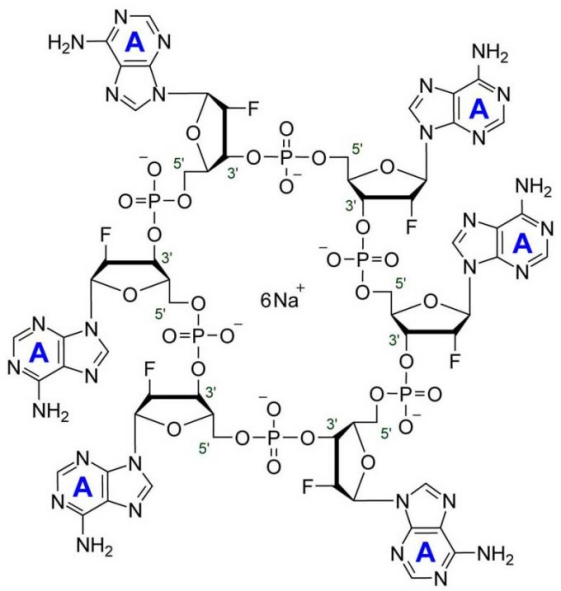
Ordering Information

Order Online »

BLG-H038-001	0.1µmol
BLG-H038-005	5x0.1µmol

Manuals, SDS & CofA

View Online »


6Na+

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2′-,2”-,2”’,2””,2”””,2”””-Hexadeoxy-2′-,2”,2”’,2””,2”””,2”””-hexafluoro-cyclic hexaadenosine monophosphate, sodium salt, cFA6
Couple Type	Modified nucleotides
Formula	$C_{60}H_{66}F_6N_{30}O_{30}P_6$ (free acid)
MW	1987.2 (free acid)
Purity	> 95% HPLC
Quantity	0.1µmol=~0.2mg

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