c-triAMP

Cyclic oligoadenylate involved in Type III CRISPR-Cas systems in prokaryotes

c-triAMP is a cyclic oligoadenylate involved in Type III CRISPR-Cas systems in prokaryotes. Upon recognition and binding of invasive target RNA, the Cas10 subunit of the type III interference complex generates cyclic oligoadenylates which in turn act as allosteric activators of Csm6 ribonucleases that degrade invader-derived RNA transcripts. c-triAMP was found to be the predominant reaction product in *Streptococcus thermophilus* while only c-hexaAMP activates the Csm6 ribonuclease of this organism (Kazlauskiene et al. (2017)).

BLG-C362-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

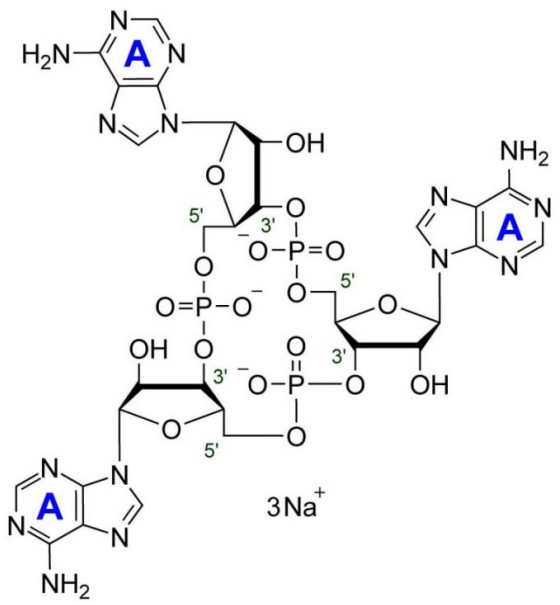
Ordering Information

Order Online »

BLG-C362-01	1µmol
BLG-C362-05	5x1µmol

Manuals, SDS & CofA

View Online »


A
A
A
3Na+

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Cyclic triadenosine monophosphate . sodium salt, Cyclic triadenylate, c-A3, cOA3
Formula	$C_{30}H36N_{15}O_{18}P_3$ (free acid)
MW	987.6 (free acid)
Purity	> 95% HPLC
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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