2-Biotin-15-cAMP

Cyclic AMP conjugated with a biotin label

2-Biotin-AHA-cAMP is an analogue of the natural signal molecule cyclic AMP in which the hydrogen in position 2 of the heterocyclic nucleobase is replaced by a long spacer, carrying a biotin at its end.

- Analogue of cyclic AMP with biotin conjugate most probably suitable as tracer in immunoassays for the measurement of cAMP concentrations,
- biotin as primary probe allows for flexible end point determinations with commercially available labeled streptavidin derivatives.

In spite of its modification, 2-Biotin-AHA-cAMP could be still sensitive against phosphodiesterases. For corresponding PDE-resistant structures, such as phosphorothioate-modified congeners or other types of spacers please inquire.

BLG-B041-05 (5 x 1 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

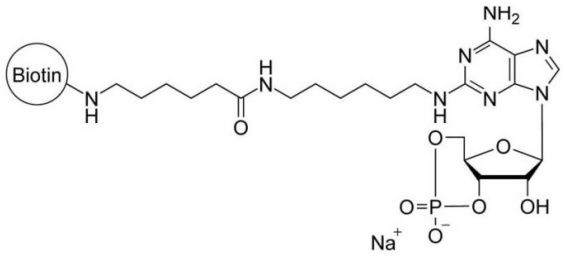
Ordering Information

Order Online »

BLG-B041-01	1µmol
BLG-B041-05	5x1µmol

Manuals, SDS & CofA

View Online »


Biotin
NH2
N
H
O
H
N
N
H
N
N
N
O
O
O=P—O
O−
OH
Na+

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-(6-(6-[Biotinyl]aminohexanoyl)aminohexylamino)adenosine-3′,5′-cyclic monophosphate . sodium salt
Appearance	Crystallized or lyophilized salt.
Couple Type	Modified nucleotides
Formula	$C_{32}H_{50}N_{10}O_9PS$. Na
MW	804.8
Purity	> 98% HPLC
Quantity	1µmol=~0.8mg
Solubility	Soluble in water.
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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