2-ADOA-cAMP

cyclic AMP functionalized for conjugation with markers and dyes or for immobilization

Due to its free aliphatic amino group various activated structures such as fluorescent dyes or other labels can be attached to 2-ADOA-cAMP. Another application is its use as a ligand for affinity chromatography of cAMP-and cGMP-dependent protein kinases and phosphodiesterases.

BLG-A136-25 (5 x 5 µmol pack size) is not sold in the U.S. or Canada. Please contact us for available options.

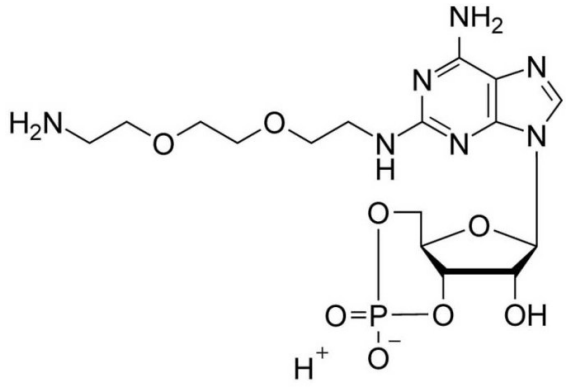
Ordering Information

Order Online »

BLG-A136-05	5µmol
BLG-A136-25	5x5µmol

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-(8-Amino-3,6-dioxaoctylamino)adenosine-3′,5′-cyclic monophosphate
Couple Type	Modified nucleotides
Formula	$C_{16}H_{26}N_7O_8P$
MW	475.4
Purity	> 98% HPLC
Quantity	5µmol=~2.4mg
Solubility	Due to its ability to form internal and polymeric salts 2-ADOA-cAMP has limited solubility in water or buffer, however, a ≥13mM solution in water can be achieved. The compound is better soluble in dilute alkali of pH 9.5 and can, after dissolution, be titrated back to neutral. In addition, gentle heating and an ultrasonic bath usually helps to get complete dissolution.
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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