Rp-2′-AEC-cAMPS-Agarose

The protein kinase A inhibitor Rp-cAMPS (Prod. No. BLG-A002) immobilized on agarose by an aminoethylcarbamoyl spacer attached to the ribose 2'-position of the ligand. Free Rp-cAMPS is not metabolized by mammalian phosphodiesterases and thus represents an extraordinary stable ligand. In addition, its reduced binding affinity towards protein kinase A compared to cAMP results in milder desorption conditions during affinity chromatography. The gel can be used for affinity chromatography of various cyclic nucleotide-responsive proteins, especially those which tolerate modification of the 2'-ribose hydroxyl group such as some phosphodiesterases. This type of gel is offered with a longer spacer (Rp-2'-AHC-cAMPS-Agarose, Prod.. No. BLG-A049) as well

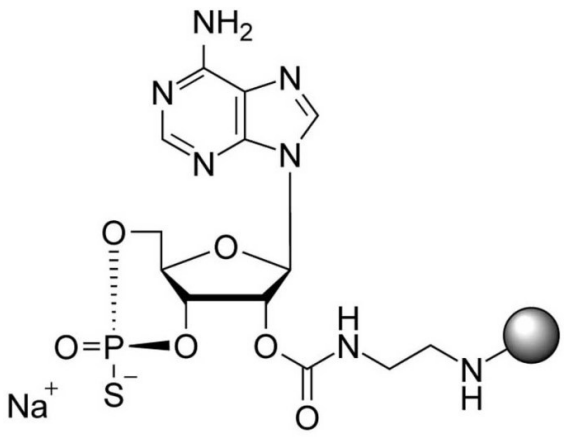
Ordering Information

Order Online »

BLG-A126-06	0.6ml
BLG-A126-25	2.5ml
BLG-A126-60	6ml

Manuals, SDS & CofA

View Online »


NH2
N
N
N
N
O
O
O=P
O
S−
Na+
O
H
N
O
N
H

Handling & Storage

Long Term Storage +4°C

Shipping Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name 2′-O-(2-Aminoethylcarbamoyl)adenosine-3′,5′-cyclic monophosphorothioate, Rp-isomer, immobilized on agarose gel

Couple Type Modified nucleotides

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