Rp-cAMPS

PKA inhibitor

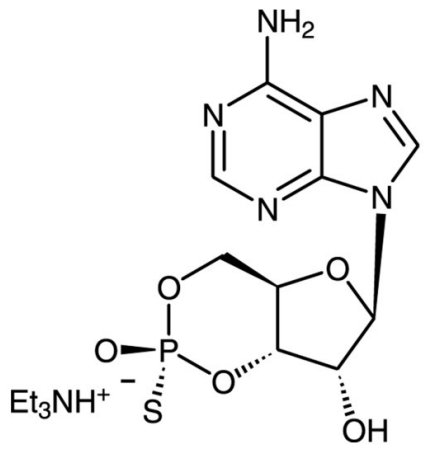
Rp-cAMPS is a potent and specific competitive inhibitor of the activation of cAMP-dependent protein kinases by cAMP (IC_{50}=4.9 μM) . Its cell permeability and complete resistance to cyclic nucleotide phosphodiesterases make it a unique tool for studying cAMP-dependent signaling. Significantly more lipophilc as compared to cAMP and thus membrane permeable in many biological systems. This product is not sterile.

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Ordering Information Order Online »

BML-CN135-0001	1mg

Manuals, SDS & CofA View Online »


NH2
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S
Et3NH+

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Clear film.
CAS	151837-09-1
Couple Target	PKA
Couple Type	Inhibitor
Formula	$C_{10}H_{11}N_5O_5PS \cdot C_6H_{16}N$
MW	446.5
Purity	≥98% (HPLC)
Solubility	Soluble in water (25mg/ml), aqueous buffers, methanol, 100% ethanol or DMSO.
Source	Synthetic.

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