Sp-cAMPS

PKA activator

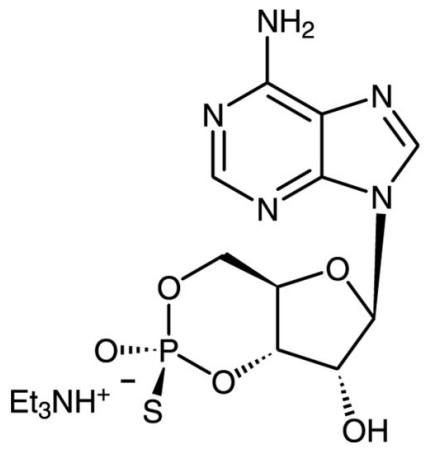
Sp-cAMPS is a potent and specific activator of cAMP-dependent protein kinases. Its cell permeability and complete resistance to cyclic nucleotide phosphodiesterases make it a unique tool for studying cAMP-dependent signaling. Has a considerably higher resistance against cyclic nucleotide-dependent phosphodiesterases as compared to dibutyryl-cAMP or 8-Br-cAMP. Concentration for half-maximal activation is 1.8µM. The product is not sterile. No metabolic side effects.

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Ordering Information Order Online »

BML-CN136-0001	1mg

Manuals, SDS & CofA View Online »


NH2
N
N
N
N
O
O
O
P
O
S
Et3NH+
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to one 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	Lyophilized solid.
CAS	93602-66-5
Couple Target	PKA
Couple Type	Activator
Formula	$C_{10}H_{11}N_5O_5PS$. $C_6H_{16}N$
Identity	Determined by UV-VIS and ESI-MS.
MW	446.5
Purity	≥98% (HPLC)
Solubility	Soluble in water (25mg/ml), DMSO, dimethyl formamide or methanol

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