8-Bromoadenosine 3′,5′-cyclic Monophosphothioate, Sp-Isomer . sodium salt

PKA activator

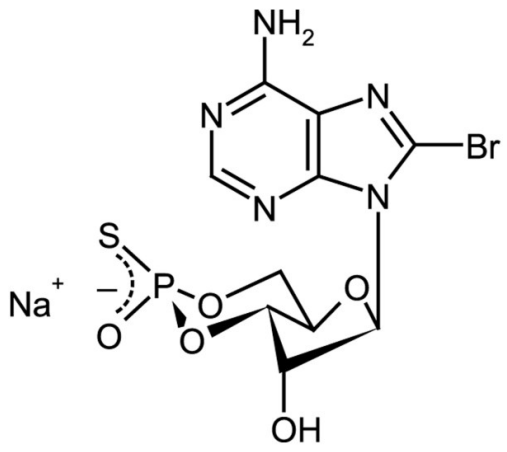
Metabolically resistant activator of cAMP-dependent protein kinase (PKA) (cAMP agonist). No metabolic side effects as observed with dibutyryl-cAMP (N^6,$O^{2'}$-Dibutyryladenosine 3',5'-cyclic monophosphate, Prod. No. BML-CN125) or 8-Br-cAMP (8-Bromoadenosine-3',5'-cyclic monophosphate, Prod. No. BML-CN115). Significantly more lipophilic and membrane permeant as compared to Sp-cAMPS (Adenosine 3',5'-cyclic monophosphothioate, Sp isomer, Prod. No. BML-CN136).

Citations: 1 View Online »

Ordering Information Order Online »

ALX-480-025-M001	1mg

Manuals, SDS & CofA View Online »


NH2
N
N
Br
N
N
S
Na+
P
O
O
O
O
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Sp-8-Br-cAMPS . Na, 8-Br-cAMPS . Na, Sp-isomer
Appearance	White to off-white powder.
CAS	127634-20-2
Couple Target	PKA
Couple Type	Activator
Formula	$C_{10}H_{10}BrN_5O_5PS$. Na
MW	423.2 . 23.0
Purity	≥98% (HPLC)
Solubility	Soluble in water or aqueous buffer.

Last modified: May 29, 2024

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