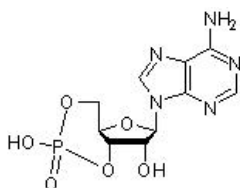


Product datasheet

Adenosine 3prime,5prime-cyclic monophosphate (cAMP), Second messenger. PKA activator. ab120493

Overview

Product name	Adenosine 3prime,5prime-cyclic monophosphate (cAMP), Second messenger. PKA activator.
Description	Second messenger. PKA activator.
Biological description	Second messenger involved in numerous cellular signalling processes.
Purity	> 98%
CAS Number	60-92-4
Chemical structure	



Properties

Chemical name	Adenosine 3',5'-cyclophosphate
Molecular weight	329.21
Molecular formula	C ₁₀ H ₁₂ N ₅ O ₆ P
PubChem identifier	216878
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 10 mM (with warming)
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>Nc4ncnc3c4ncn3C2O[C@@H]1COP(=O)(O)O[C@H]1[C@H]2O</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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