

Product datasheet

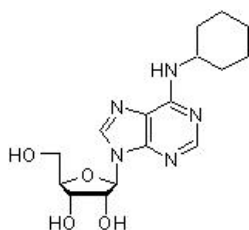
*N*⁶-Cyclohexyladenosine ab120472

Overview

Product name	<i>N</i> ⁶ -Cyclohexyladenosine
Description	Selective A ₁ receptor agonist
Biological description	Selective A ₁ receptor agonist (EC ₅₀ = 8.2 nM). Adenosine analogue; exerts anticonvulsant effects and protects against neuronal death.
Purity	> 98%

Properties

Chemical name	(2 <i>R</i> ,3 <i>S</i> ,4 <i>R</i> ,5 <i>R</i>)-2-[6-(Cyclohexylamino)-9 <i>H</i> -purin-9-yl]-tetrahydro-5-(hydroxymethyl)furan-3,4-diol
Molecular weight	349.39
Chemical structure	



Molecular formula	C ₁₆ H ₂₃ N ₅ O ₄
CAS Number	36396-99-3
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 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	OC[C@H]4O[C@@H](n3cnc2c(NC1CCCC1)ncnc23)C(O)[C@H]4O
Source	Synthetic

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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
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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team