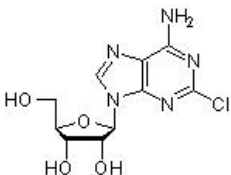


Product datasheet

2-Chloroadenosine (CADO), Adenosine agonist ab120037

[2 References](#) [1 Image](#)

Overview

| | |
|-------------------------------|---|
| Product name | 2-Chloroadenosine (CADO), Adenosine agonist |
| Description | Adenosine agonist |
| Biological description | Adenosine receptor agonist. Metabolically stable analogue of adenosine. Anticonvulsant effects and neuroprotective <i>in vivo</i> . |
| CAS Number | 146-77-0 |
| Chemical structure |  |

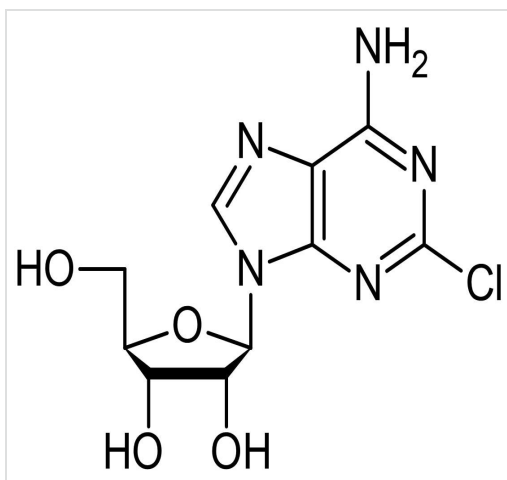
Properties

| | |
|-----------------------------|--|
| Chemical name | 6-Amino-2-chloropurine riboside |
| Molecular weight | 301.69 |
| Molecular formula | C ₁₀ H ₁₂ ClN ₅ O ₄ |
| PubChem identifier | 44320877 |
| Storage instructions | Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in DMSO to 25 mM and in water to 25mM |
| Handling | <p>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.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p> |
| SMILES | <chem>Nc3nc(Cl)nc2c3ncn2C1O[C@H](CO)[C@@H](O)[C@H]1O</chem> |

Source

Synthetic

Images



2D chemical structure image of ab120037, 2-Chloroadenosine (CADO), Adenosine agonist

Chemical Structure - 2-Chloroadenosine (CADO), Adenosine agonist (ab120037)

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