[ Product Information ]

Name: Adenosine
Catalog No.: CFN98992
Cas No.: 58-61-7
Purity: >=98%
M.F: C_{10}H_{13}N_{5}O_{4}
M.W: 267.24

Physical Description: Powder

[ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

[ Source ]

The rhizome of Typhonium giganteum Engl.

[ Biological Activity or Inhibitors ]

Adenosine is the preferred endogenous agonist at all these receptors(including members
of the G family of G proteins and the A and Areceptors with Gproteins), but inosine can also activate the Areceptor.^[1]\]

Adenosine in the control of immune and inflammatory systems has generated excitement regarding the potential use of adenosine-receptor-based therapies in the treatment of infection, autoimmunity, ischaemia and degenerative diseases.^[2]\]

**[Solvent]**

Pyridine, Methanol, Ethanol, etc.

**[HPLC Method]**^[3]\]

Mobile phase: Phosphate buffer-Acetonitrile= 50:50;
Flow rate: 1.0 ml/min;
Column temperature: Room Temperature;
The wave length of determination: 260 nm.

**[Storage]**

2-8°C, Protected from air and light, refrigerate or freeze.

**[References]**


**[Contact]**

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