

5'-S-Methyl-5'-thioadenosine Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: 5'-S-Methyl-5'-thioadenosine

Catalog No.: CFN98265

Cas No.: 2457-80-9

Purity: > 95%

M.F: C₁₁H₁₅N₅O₃S

M.W: 297.3

Physical Description: Powder

Synonyms: 5'-Deoxy-5'-(methylthio)adenosine; (2R,3R,4S,5S)-2-(6-aminopurin-9-yl)-5-(methylsulfanylmethyl)oxolane-3,4-diol.



[Intended Use]

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

[Source]

The herbs of *Ephedra distachya*.

[Biological Activity or Inhibitors]

S-Methyl-5'-thioadenosine can inhibit the activity of ThiC (4-amino-5-hydroxymethyl-2-methylpyrimidine phosphate synthase).[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]

Not data available.

[Storage]

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

[References]

[1] Palmer L D, Downs D M. *J. Biol. Chem.*,2013,288(42):30693-9.

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