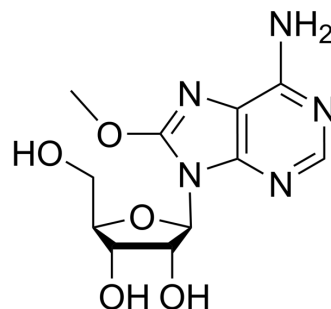


## 8-Methoxyadenosine

Cat. No.:	HY-152834
CAS No.:	3969-27-5
Molecular Formula:	C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>5</sub>
Molecular Weight:	297.27
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

8-Methoxyadenosine is an adenosine analog. Adenosine analogs mostly act as smooth muscle vasodilators and have also been shown to inhibit cancer progression. Its popular products are adenosine phosphate, Acadesine (HY-13417), Clofarabine (HY-A0005), Fludarabine phosphate (HY-B0028) and Vidarabine (HY-B0277)<sup>[1]</sup>.

### REFERENCES

- [1]. Man S, et al. Potential and promising anticancer drugs from adenosine and its analogs. Drug Discov Today. 2021 Jun;26(6):1490-1500.
- [2]. Cheeseman MD, Westwood IM, Barbeau O, et al. Exploiting Protein Conformational Change to Optimize Adenosine-Derived Inhibitors of HSP70. J Med Chem. 2016;59(10):4625-4636.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA