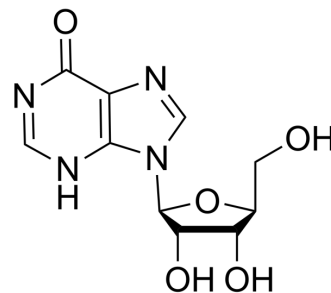


L-Inosine

| | |
|--------------------|---|
| Cat. No.: | HY-148166 |
| CAS No.: | 21138-24-9 |
| Molecular Formula: | C ₁₀ H ₁₂ N ₄ O ₅ |
| Molecular Weight: | 268.23 |
| 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

L-Inosine is the L-configuration of [inosine](#) (HY-N0092). Inosine is an endogenous purine nucleoside produced by catabolism of adenosine. Inosine has anti-inflammatory, antinociceptive, immunomodulatory and neuroprotective effects^{[1][2]}.

REFERENCES

- [1]. Filipe Marques Gonçalves, et al. Signaling pathways underlying the antidepressant-like effect of inosine in mice. *Purinergic Signal*. 2017 Jun; 13(2): 203-214.
- [2]. Sara Cipriani, et al. Protection by inosine in a cellular model of Parkinson's disease. *Neuroscience*. 2014 Aug 22; 274: 242-249.

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