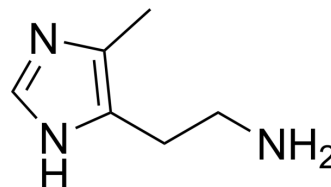


## 4-Methylhistamine

Cat. No.:	HY-W580721
CAS No.:	36507-31-0
Molecular Formula:	C <sub>6</sub> H <sub>11</sub> N <sub>3</sub>
Molecular Weight:	125.17
Target:	Histamine Receptor
Pathway:	GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

4-Methylhistamine is a potent agonist of histamine 4 receptor (H4R). 4-Methylhistamine has the potential for the research of immune-related diseases such as cancer and autoimmune disorders<sup>[1][2]</sup>.

### REFERENCES

[1]. Ahmad SF, et al. Stimulation of the histamine 4 receptor with 4-methylhistamine modulates the effects of chronic stress on the Th1/Th2 cytokine balance. *Immunobiology*. 2015;220(3):341-349.

[2]. Kim CH, et al. Inhibitory Effect of Imiquimod-Induced Psoriasis-Like Skin Inflammation in Mice by Histamine H4 Receptor Agonist 4-Methylhistamine. *Scand J Immunol*. 2016 Jun;83(6):409-17.

**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