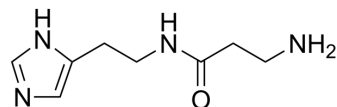


## Carcinine

Cat. No.:	HY-107567
CAS No.:	56897-53-1
Molecular Formula:	C <sub>8</sub> H <sub>14</sub> N <sub>4</sub> O
Molecular Weight:	182.22
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

Alistin (Carcinine;  $\beta$ -Alanylhistamine) is a selective histamine H3 antagonist with antioxidant activity and neuroprotective effects on the retina of oxidatively stressed mice<sup>[1][2]</sup>.

### REFERENCES

[1]. Zhong Chen, et al. Pharmacological effects of carcinine on histaminergic neurons in the brain. *Br J Pharmacol.* 2004 Nov;143(5):573-80.

[2]. Lea D Marchette, et al. Carcinine has 4-hydroxynonenal scavenging property and neuroprotective effect in mouse retina. *Invest Ophthalmol Vis Sci.* 2012 Jun 20;53(7):3572-83.

**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