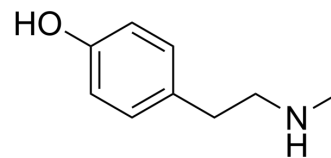


N-Methyltyramine

Cat. No.:	HY-W153897
CAS No.:	370-98-9
Molecular Formula:	C ₉ H ₁₃ NO
Molecular Weight:	151.21
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N-Methyltyramine is a protoalkaloid that can be isolated from various plant species. N-Methyltyramine is an α 2-adrenoreceptor antagonist. N-Methyltyramine enhances appetite and digestion of foods by stimulating gastrin and pancreatic secretions. N-Methyltyramine can relax mouse small intestinal smooth muscle and inhibits small intestinal propulsion^{[1][2]}.

REFERENCES

- [1]. Stohs SJ, et al. A review of the receptor binding and pharmacological effects of N-methyltyramine. *Phytother Res.* 2015 Jan;29(1):14-6.
- [2]. Ni J, et al. Effect of N-methyltyramine on the regulation of adrenergic receptors via enzymatic epinephrine synthesis for the treatment of gastrointestinal disorders. *Biomed Pharmacother.* 2019 Mar;111:1393-1398.

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