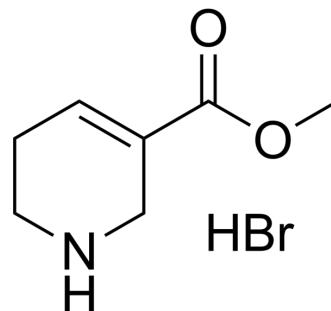


## Guvacoline hydrobromide

Cat. No.:	HY-116490
CAS No.:	17210-51-4
Molecular Formula:	C <sub>7</sub> H <sub>12</sub> BrNO <sub>2</sub>
Molecular Weight:	222.08
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Guvacoline hydrobromide, a pyridine alkaloid found in Areca triandra, can act as a weak full agonist of atrial and ileal mAChR<sup>[1][2]</sup>.

### REFERENCES

- [1]. Jiao Wu, et al. Tissue-specific and maturity-dependent distribution of pyridine alkaloids in Areca triandra. J Plant Res. 2019 Jul;132(4):531-540.
- [2]. M Wolf-Pflugmann, et al. Synthesis and muscarinic activity of a series of tertiary and quaternary N-substituted guvacine esters structurally related to arecoline and arecaidine propargyl ester. Arzneimittelforschung. 1989 May;39(5):539-44.

**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