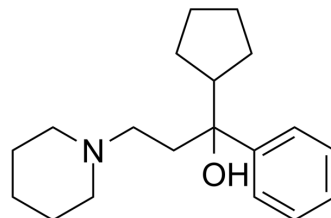


## Cycrimine

Cat. No.:	HY-119918
CAS No.:	77-39-4
Molecular Formula:	C <sub>19</sub> H <sub>29</sub> NO
Molecular Weight:	287.44
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

Cycrimine is an orally active muscarinic cholinergic receptor (mAChR) M1 antagonist, reduces the acetylcholine levels in parkinson model. Cycrimine shows antispasmodic activity, can be used in studies of behavioral and mental disorder<sup>[1][2][3]</sup> [4].

### REFERENCES

- [1]. David T. CHAU. Methods of treating behavioral and/or mental disorders. WO2014176460A1.
- [2]. Marzoughi S, et al. Tardive neurotoxicity of anticholinergic drugs: A review. J Neurochem. 2021 Sep;158(6):1334-1344.
- [3]. Tacke, et al. Syntheses and pharmacological characterization of achiral and chiral enantiopure C/Si/Ge-analogous derivatives of the muscarinic antagonist cycrimine: a study on C/Si/Ge bioisosterism. Journal of organometallic chemistry 640.1-2 (2001): 140-
- [4]. MAGEE KR, et al. Antispasmodic compound 08958 in treatment of paralysis agitans. J Am Med Assoc. 1953 Oct 24;153(8):715-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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