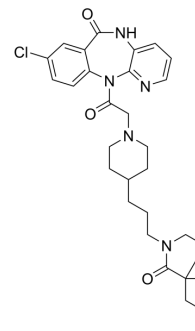


BIBN-99

| | |
|--------------------|---|
| Cat. No.: | HY-119953 |
| CAS No.: | 145301-48-0 |
| Molecular Formula: | C ₃₁ H ₄₂ ClN ₅ O ₃ |
| Molecular Weight: | 568.15 |
| 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

BIBN-99 is a selective, BBB-penetrable and competitive muscarinic M2 receptor antagonist. BIBN-99 improves cognitive performance in rats with traumatic brain injury^{[1][2]}.

REFERENCES

[1]. Doods H, et al. Characterization of BIBN 99: a lipophilic and selective muscarinic M2 receptor antagonist. *Eur J Pharmacol.* 1993 Sep 21;242(1):23-30.

[2]. Pike BR, et al. Post-injury administration of BIBN 99, a selective muscarinic M2 receptor antagonist, improves cognitive performance following traumatic brain injury in rats. *Brain Res.* 1995 Jul 17;686(1):37-43.

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