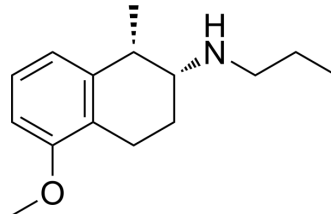


AJ-76

Cat. No.:	HY-111283
CAS No.:	85379-09-5
Molecular Formula:	C ₁₅ H ₂₃ NO
Molecular Weight:	233.35
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AJ-76 ((+)-AJ 76; (1S,2R)-AJ 76) is a dopamine autoreceptor antagonist. AJ-76 can increase the synthesis and turnover of dopamine in the rat brain, while having little effect on the synthesis and turnover of serotonin (5-HT) and norepinephrine. AJ-76 can also antagonize the sedative effects of low-dose apomorphine and has a weak antagonistic effect on postsynaptic dopamine receptor^[1].

REFERENCES

[1]. Svensson K, et al. (+)-AJ 76 and (+)-UH 232: central stimulants acting as preferential dopamine autoreceptor antagonists. *Naunyn-Schmiedeberg's Arch Pharmacol.* 1986 Nov;334(3):234-45.

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