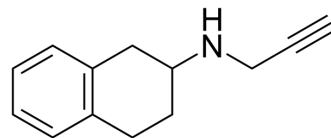


2-PAT

Cat. No.:	HY-143438
CAS No.:	134467-58-6
Molecular Formula:	C ₁₃ H ₁₅ N
Molecular Weight:	185.26
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	2-PAT, an analogue of Rasagiline and Selegiline, a reversible MAO-A inhibitor with an IC ₅₀ of 0.721 μM. 2-PAT is an inactivator of MAO-B with an IC ₅₀ of 14.6 μM. 2-PAT has the potential for Parkinson's disease and depression research ^[1] .	
IC ₅₀ & Target	MAO-A 0.721 μM (IC ₅₀)	MAO-B 14.6 μM (IC ₅₀)

REFERENCES

[1]. Letitia Meiring, et al. The evaluation of N-propargylamine-2-aminotetralin as an inhibitor of monoamine oxidase. Bioorg Med Chem Lett. 2022 Jul 1;67:128746.

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