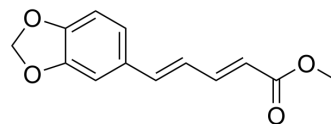


Methyl piperate

Cat. No.:	HY-N12134
CAS No.:	6190-46-1
Molecular Formula:	C ₁₃ H ₁₂ O ₄
Molecular Weight:	232.23
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Methylpiperic acid is a piperine alkaloid with significant MAO inhibitory activity (IC ₅₀ 3.6 μM). Methylpiperic acid is less effective against MAO-B (IC ₅₀ 1.6 μM) than MAO-A (IC ₅₀ 27.1 μM) has a bidirectional inhibitory effect. Methylphenidate is used to treat mental disorders [1].
IC ₅₀ & Target	MAO-B

REFERENCES

[1]. Lee SA, et al. Methylpiperate derivatives from Piper longum and their inhibition of monoamine oxidase. Arch Pharm Res. 2008 Jun;31(6):679-83.

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