

Product Datasheet

Methyl piperate (orb2277501)

Description	Methylpiperic acid, a piperine alkaloid, exhibits potent inhibitory activity on monoamine oxidase (MAO), with differing efficacy on isoforms: greater inhibition of MAO-A (IC 50 27.1 µM) compared to MAO-B (IC 50 1.6 µM), indicative of its bidirectional inhibition. Moreover, it is applied in the treatment of mental disorders [1].
Storage	-20°C
Note	For research use only
Formula	C ₁₃ H ₁₂ O ₄
Purity	98.00%
MW	232.23
CAS Number	6190-46-1
SMILES	<chem>C(=C/C=C/C(OC)=O)\C=1C=C2C(=CC1)OCO2</chem>
Expiration Date	12 months from date of receipt.

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