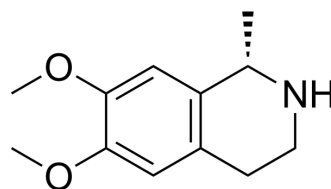


(S)-Salsolidine

Cat. No.:	HY-22385B
CAS No.:	493-48-1
Molecular Formula:	C ₁₂ H ₁₇ NO ₂
Molecular Weight:	207.27
Target:	Monoamine Oxidase; Endogenous Metabolite
Pathway:	Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(S)-Salsolidine is a weak monoamine oxidase (MAO) inhibitor ($K_i=63 \mu\text{M}$). The R enantiomer of Salsolidine is more potent than the S form ($K_i=26 \mu\text{M}$) ^[1] .
In Vitro	Salsolidine is a dopamine-derived tetrahydroisoquinoline-alkaloid which possesses an asymmetric center at C-1 and exists as R and S enantiomers ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Dostert P, et al. Dopamine-derived alkaloids in alcoholism and in Parkinson's and Huntington's diseases. J Neural Transm. 1988;74(2):61-74.

Caution: Product has not been fully validated for medical applications. For research use only.

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