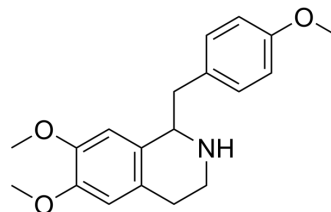


## GS-389

Cat. No.:	HY-129665
CAS No.:	41498-37-7
Molecular Formula:	C <sub>19</sub> H <sub>23</sub> NO <sub>3</sub>
Molecular Weight:	313.39
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

GS 389 ((±)-O,O-Dimethylcoclaurine) is a tetrahydroisoquinoline. GS-389 inhibites Cyclic AMP and cyclic AMP dependent phosphodiesterases from rat atrial and ventricular tissue. GS-389 relaxes the contraction induced by phenylephrine and high K<sup>+</sup> in rat aortic rings<sup>[1]</sup>.

## REFERENCES

[1]. Chang KC, et al. Different pharmacological characteristics of structurally similar benzyloquinoline analogs, papaverine, higenamine, and GS 389, on isolated rat aorta and heart. *Can J Physiol Pharmacol.* 1994;72(4):327-334.

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

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