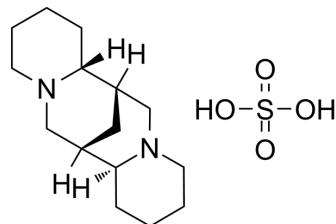


## (-)-Sparteine sulfate

Cat. No.:	HY-N0491
CAS No.:	299-39-8
Molecular Formula:	C <sub>15</sub> H <sub>28</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	332.46
Target:	nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(-)-Sparteine (sulfate) is a quinolizidine alkaloid that can be extracted from *Lupinus*. (-)-Sparteine (sulfate) inhibits the release of acetylcholine and has anticonvulsant effects<sup>[1]</sup>.

### REFERENCES

[1]. Villalpando-Vargas F, et al. Sparteine as an anticonvulsant drug: Evidence and possible mechanism of action. *Seizure*. 2016 Jul;39:49-55.

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

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