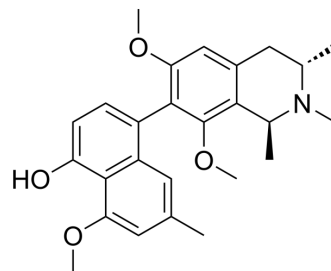


## Ancistrotecine B

Cat. No.:	HY-155236
Molecular Formula:	C <sub>26</sub> H <sub>31</sub> NO <sub>4</sub>
Molecular Weight:	421.53
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Ancistrotecine B (Compound 2) is a Nav1.7 channel inhibitor (IC <sub>50</sub> : 0.73 μM). Ancistrotecine B relieves inflammatory pain in mice <sup>[1]</sup> .
IC <sub>50</sub> & Target	0.73 μM (Nav1.7) <sup>[1]</sup>

### REFERENCES

[1]. Wang QQ, et al. Naphthylisoquinoline alkaloids, a new structural template inhibitor of Nav1.7 sodium channel. *Acta Pharmacol Sin.* 2023 Sep;44(9):1768-1776.

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

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