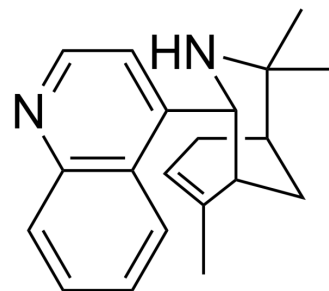


## Aristoquinoline

Cat. No.:	HY-N12511
CAS No.:	2720562-34-3
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> N <sub>2</sub>
Molecular Weight:	292.42
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

Aristoquinoline (Compound 1) is an alkaloid can be isolated from *Aristolelia chilensis*. Aristoquinoline has  $\alpha 3\beta 4$  nAChR inhibitory activity<sup>[1]</sup>.

### REFERENCES

[1]. Rusali LE, et al. Synthesis of  $\alpha 3\beta 4$  Nicotinic Acetylcholine Receptor Modulators Derived from Aristoquinoline That Reduce Reinstatement of Cocaine-Seeking Behavior. *J Med Chem*. 2024 Jan 11;67(1):529-542.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA