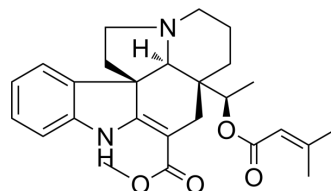


## Echitovenidine

Cat. No.:	HY-N8315
CAS No.:	7222-35-7
Molecular Formula:	C <sub>26</sub> H <sub>32</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	436.54
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Echitovenidine is an alkaloid that can be isolated from <i>Alstonia yunnanensis</i> . Echitovenidine is an inhibitor of monoamine oxidase (MAO) <sup>[1]</sup> .
In Vivo	Echitovenidine (50 mg/kg, IP) significantly potentiates the analgesic effect of a subanalgesic dose of morphine <sup>[1]</sup> . The LD <sub>50</sub> of Echitovenidine in mice was 126 ± 23 mg/kg (IP) <sup>[1]</sup> . Echitovenidine produces a transient depressor response in anaesthetised dog, with no significant effect on respiration, in dose of 10 mg/kg <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Bhattacharya SK, et al. Psychopharmacological studies on echitovenidine. *Pharmacol Res Commun*. 1976 Apr;8(2):159-66.

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

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