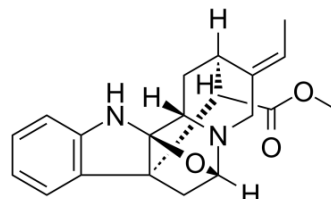


## Picrinine

Cat. No.:	HY-N2074
CAS No.:	4684-32-6
Molecular Formula:	C <sub>20</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	338.4
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Picrinine, an akuammiline alkaloid, is isolated from the leaves of <i>Alstonia scholaris</i> . Picrinine exhibits anti-inflammatory activity through inhibition of the 5-lipoxygenase enzyme <sup>[1]</sup> .
IC <sub>50</sub> & Target	5-Lipoxygenase

### REFERENCES

[1]. Smith JM, et, al. Total synthesis of the akuammiline alkaloid picrinine. *J Am Chem Soc.* 2014 Mar 26;136(12):4504-7.

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