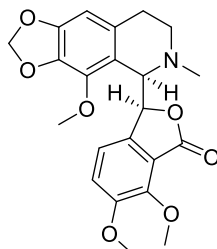


Narcotine

Code No.: **BIA-N1938**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	:	128-62-1
Molecular Formula	:	C₂₂H₂₃NO₇
Molecular Weight	:	413.42
Source	:	<i>Papaver somniferum</i>
Appearance	:	White solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in methanol or DMSO

Application Notes

Narcotine (noscapine) is a non-narcotic alkaloid isolated from the opium poppy *Papaver somniferum* originally used for its antitussive and hypotensive effects. Narcotine inhibits bradykinin receptor activation in guinea pig airways. Narcotine is an antitumor agent that acts via the binding of its bioactive metabolite, 7-aminonoscapine, to the colchicine binding site of tubulin. Narcotine induces apoptosis via the PTEN/PI3K/mTOR signaling pathway and complexes with lysozyme. Narcotine has neuroprotective and antifibrotic activity.

References

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