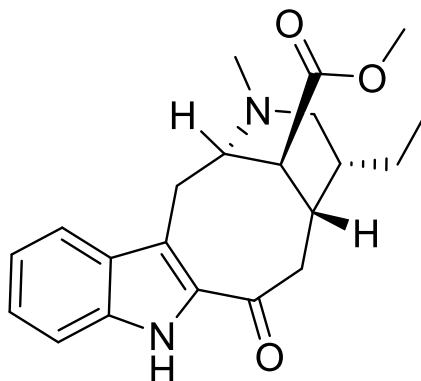


Dregamine

Code No.: **BIA-D3073**

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



Synonyms : (-)-Dregamine, 20-Epitabernemontanine, NSC 177392

Specifications

CAS #	: 2299-26-5
Molecular Formula	: C ₂₁ H ₂₆ N ₂ O ₃
Molecular Weight	: 354.4
Source	: <i>Voacanga</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol and DMSO.

Application Notes

Dregamine is a monoterpene indole alkaloid of the voacamine type extracted from *Voacanga* and other plant species, first reported in 1959 by Neuss and Cone. Dregamine has antiinflammatory and antiviral properties and shows weak local anaesthetic, convulsant and respiratory stimulant properties.

References

1. Neuss N. et al. (1959). Alkaloids of Apocynaceae. IV. Dregamine, a new alkaloid from *Voacanga dregei*. *Experientia*, 15, 414.
2. Renner U. et al. (1963). Die struktur der 2-acylindol-alkaloide vobasin, dregamin und tabernaemontanin. *Helv. Chim. Acta*, 46, 2186.
3. Albert O. et al. (1970). Pharmacodynamic properties of an indole alkaloid: dregamine. Effect on the nervous and muscular systems. *Ann. Pharmaceutiques Francaises*, 28, 697.
4. Olivier L. & Albert O. (1969). Antiinflammatory and antiviral dregamine medicaments. Patent FR2037003.

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