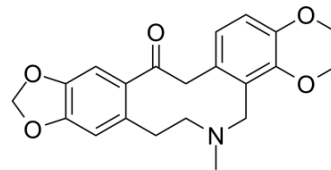


Allocryptopine

Cat. No.:	HY-N1933
CAS No.:	485-91-6
Molecular Formula:	C ₂₁ H ₂₃ NO ₅
Molecular Weight:	369.41
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Allocryptopine, a derivative of tetrahydropalmatine, is extracted from *Corydalis decumbens* (Thunb.) Pers. Papaveraceae. Allocryptopine has antiarrhythmic effects and potently blocks human ether-a-go-go related gene (hERG) current^{[1][2]}.

REFERENCES

[1]. Xu B, et al. Effect of α -Allocryptopine on Delayed Afterdepolarizations and Triggered Activities in Mice Cardiomyocytes Treated with Isoproterenol. *Evid Based Complement Alternat Med.* 2015;2015:634172.

[2]. Lin K, et al. Allocryptopine and benzyltetrahydropalmatine block hERG potassium channels expressed in HEK293 cells. *Acta Pharmacol Sin.* 2013 Jun;34(6):847-58.

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

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