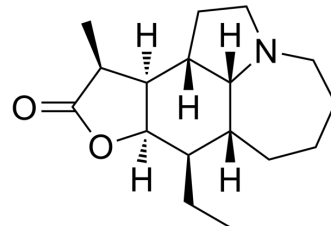


Neostenine

Cat. No.:	HY-N3197
CAS No.:	477953-07-4
Molecular Formula:	C ₁₇ H ₂₇ NO ₂
Molecular Weight:	277.4
Target:	P-glycoprotein
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Neostenine is a stenine-type Stemona alkaloid, with antitussive activity. Neostenine is also a substrate of P-glycoprotein with high absorptive permeability in Caco-2 monolayer model. Neostenine also shows oral activity for intestinal application [1][2].

REFERENCES

- [1]. Chung HS, et al. Antitussive activity of Stemona alkaloids from *Stemona tuberosa*. *Planta Med.* 2003 Oct;69(10):914-20.
- [2]. Leung PH, et al. Intestinal absorption of Stemona alkaloids in a Caco-2 cell model. *Planta Med.* 2006 Feb;72(3):211-6.

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

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