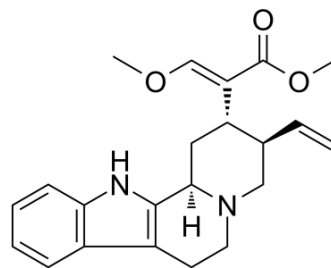


Hirsuteine

Cat. No.:	HY-N2197
CAS No.:	35467-43-7
Molecular Formula:	C ₂₂ H ₂₆ N ₂ O ₃
Molecular Weight:	366.45
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Hirsuteine is an indole alkaloid extracted from *Uncaria* genus. Hirsuteine non-competitively antagonizes nicotine-mediated dopamine release by blocking ion permeation through nicotinic receptor channel complexes^[1].

REFERENCES

[1]. Watano T, et al. Non-competitive antagonism by hirsuteine of nicotinic receptor-mediated dopamine release from rat pheochromocytoma cells. *Jpn J Pharmacol.* 1993 Apr;61(4):351-6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA