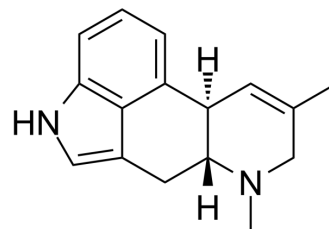


Agroclavine

Cat. No.:	HY-135525
CAS No.:	548-42-5
Molecular Formula:	C ₁₆ H ₁₈ N ₂
Molecular Weight:	238.33
Target:	Dopamine Receptor; Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Agroclavine is a natural, clavine type of ergot alkaloid. Agroclavine is a D1 dopamine receptor and α 1-adrenoceptor agonist. Agroclavine also has anticancer and antimicrobial activities ^{[1][2]} .	
IC ₅₀ & Target	D ₁ Receptor	α 1-adrenergic receptor

REFERENCES

- [1]. Starec M, et al. Effect of agroclavine on NK activity in vivo under normal and stress conditions in rats. *Physiol Res.* 2001;50(5):513-9.
- [2]. Eich E, et al. Antimicrobial activity of clavines. *Arzneimittelforschung.* 1985;35(12):1760-2.

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

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