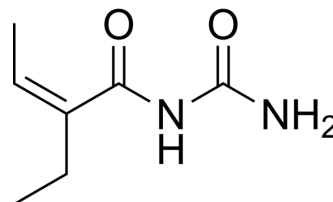


Ectylurea

Cat. No.:	HY-111025
CAS No.:	95-04-5
Molecular Formula:	C ₇ H ₁₂ N ₂ O ₂
Molecular Weight:	156.18
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ectylurea is a N-acylurea that can be used in studies of tension and anxiety symptoms, has no effect on the autonomic nervous system, and has no convulsive, analgesic or antispasmodic activity in animals ^[1] .	
In Vivo	Ectylurea (0-500 mg/kg, i.p., once, 20 min) can significantly cause changes in motor coordination in mice in a dose dependent manner ^[2] .	
	MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Male albino Swiss mice (18-23 g) ^[2]
	Dosage:	0, 100, 250 and 500 mg/kg
	Administration:	Intraperitoneal injection, 20 min
	Result:	Influenced on the performance of naive mice on the accelerating rotarod in a dose dependent manner.

REFERENCES

- [1]. Ljungberg S, Paalzow L, Ström S. Anticonvulsant activity of ectylurea in mice. *Acta Pharm Suec*. 1968 Sep;5(4):293-8. PMID: 5724372.
- [2]. Jones BJ, et al. The quantitative measurement of motor inco-ordination in naive mice using an accelerating rotarod. *J Pharm Pharmacol*. 1968 Apr;20(4):302-4.

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

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