

Etimizol

Catalog No: tcsc1580



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

64-99-3

Formula:

$C_9H_{14}N_4O_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

Ethanol : ≥ 33.33 mg/mL (158.54 mM)

Alternative Names:

Ethimizole;Ethymisol;Ethymisole

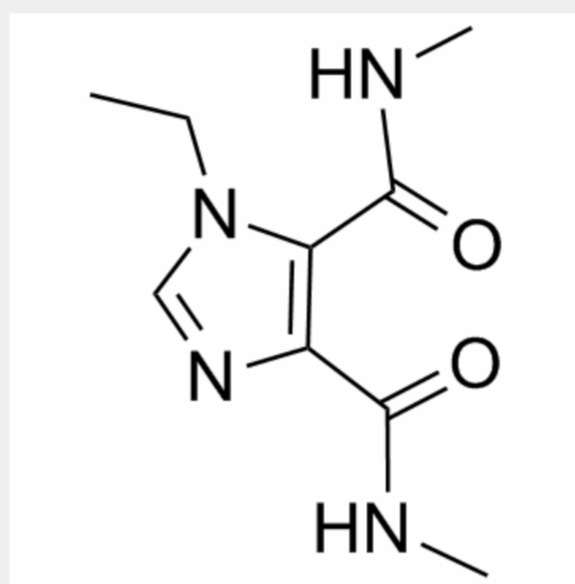
Observed Molecular Weight:

210.23

Product Description

Etimizol (Ethymisole; Antiffine; Ethylnorantifein) was shown to relieve amnesia effectively in the origin of which there is the hypoxic component (hypobaric hypoxia, actinomycin D, mechanical injury of the brain).

In Vivo: The time interval between administration of etimizol (3 mg/kg) and the onset of learning varied between 0.5 and 3 h in the several series. Etimizol (Ethymisole) did not facilitate the learning in rats whatever the time of administration and biological modality of reinforcement [1]. After administration of Etimizol (Ethymisole) at doses of 10 or 1 mg/loop mean residence time of etimizol in the loop was 20.1 and 7.6 min, respectively, with mean standard deviation being 3.1 and 0.8, respectively [2]. Extracellular application of 5--10 mM/L Etimizol (Ethymisole) exerted a specific effect on the giant neurons of the *Coretus corneus* isolated nervous system: action potential duration increased significantly, speed of development of its descending phase decreased, as well as the trace hyperpolarization amplitude [3].



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