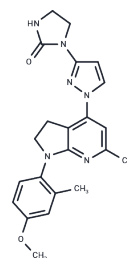


Emicerfont

Chemical Properties

CAS No. :	786701-13-1
Formula:	C ₂₂ H ₂₄ N ₆ O ₂
Molecular Weight:	404.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Emicerfont is an antagonist of the corticotropin-releasing factor type 1 receptor (IC ₅₀ : 66 nM).
Targets(IC ₅₀)	Others
In vivo	Emicerfont (10 mg/kg) treatment, decreases i.c.v. CRF-induced gerbil forepaw treading and marmoset defensive postures. Emicerfont (30 mg/kg) treatment, also reduces rat pup ultrasonic vocalization.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4724 mL	12.3622 mL	24.7243 mL
5 mM	0.4945 mL	2.4724 mL	4.9449 mL
10 mM	0.2472 mL	1.2362 mL	2.4724 mL
50 mM	0.0494 mL	0.2472 mL	0.4945 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Zorrilla EP, et al. Behavioral, biological, and chemical perspectives on targeting CRF(1) receptor antagonists to treat alcoholism. Drug Alcohol Depend. 2013 Mar 1;128(3):175-86.

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