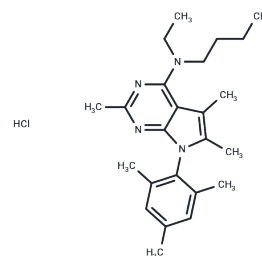


Antalarmin hydrochloride

Chemical Properties

CAS No. :	220953-69-5
Formula:	C ₂₄ H ₃₅ ClN ₄
Molecular Weight:	415.02
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Antalarmin hydrochloride is an antagonist of corticotropin-releasing factor 1 (CRF1). Antalarmin hydrochloride produces anti-inflammatory effects and suppresses stress-induced gastric ulceration related to irritable bowel syndrome.
Targets(IC50)	CRFR, Immunology/Inflammation related

Solubility Information

Solubility	DMSO: 11.7 mg/mL (28.2 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4095 mL	12.0476 mL	24.0952 mL
5 mM	0.4819 mL	2.4095 mL	4.819 mL
10 mM	0.241 mL	1.2048 mL	2.4095 mL
50 mM	0.0482 mL	0.241 mL	0.4819 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. Effects of antalarmin, a CRF type 1 receptor antagonist, on anxiety-like behavior and motor activation in the rat. Brain Res. 2002 Oct 18;952(2):188-99.

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