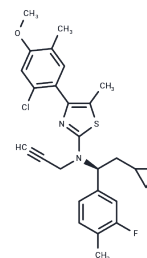


Crinecerfont

Chemical Properties

CAS No. :	752253-39-7
Formula:	C ₂₇ H ₂₈ ClFN ₂ O ₂ S
Molecular Weight:	483.04
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Crinecerfont (SSR-125543) is a selective antagonist of corticotropin-releasing factor 1 receptor (CRF1) and can be used in studies about Classic congenital adrenal hyperplasia.
Targets(IC50)	CRFR

Solubility Information

Solubility	DMSO: 45 mg/mL (93.16 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0702 mL	10.3511 mL	20.7022 mL
5 mM	0.414 mL	2.0702 mL	4.1404 mL
10 mM	0.207 mL	1.0351 mL	2.0702 mL
50 mM	0.0414 mL	0.207 mL	0.414 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

Philbert J, et al. The CRF₁ receptor antagonist SSR125543 prevents stress-induced long-lasting sleep disturbances in a mouse model of PTSD: comparison with paroxetine and d-cycloserine. Behav Brain Res. 2015 Feb 15;279:41-

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481