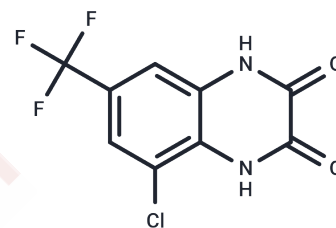


ACEA1011

Chemical Properties

CAS No. : 153504-72-4
 Formula: C₉H₄ClF₃N₂O₂
 Molecular Weight: 264.59
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	ACEA1011 is a glycine site NMDA receptor antagonist. It may have analgesic effects.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7794 mL	18.8972 mL	37.7943 mL
5 mM	0.7559 mL	3.7794 mL	7.5589 mL
10 mM	0.3779 mL	1.8897 mL	3.7794 mL
50 mM	0.0756 mL	0.3779 mL	0.7559 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Balster RL, Mansbach RS, Shelton KL, Nicholson KL, Grech DM, Wiley JL, Li H, Weber E. Behavioral pharmacology of two novel substituted quinoxalinedione glutamate antagonists. *Behav Pharmacol.* 1995 Aug;6(5 And 6):577-589. PubMed PMID: 11224365.
- Woodward RM, Huettner JE, Tran M, Guastella J, Keana JF, Weber E. Pharmacology of 5-chloro-7-trifluoromethyl-1,4-dihydro-2,3-quinoxalinedione: a novel systemically active ionotropic glutamate receptor antagonist. *J Pharmacol Exp Ther.* 1995 Dec;275(3):1209-18. PubMed PMID: 8531083.
- Lutfy K, Woodward RM, Keana JF, Weber E. Inhibition of clonic seizure-like excitatory effects induced by intrathecal morphine using two NMDA receptor antagonists: MK-801 and ACEA-1011. *Eur J Pharmacol.* 1994 Feb 11;252(3):261-6. PubMed PMID: 8162948.
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