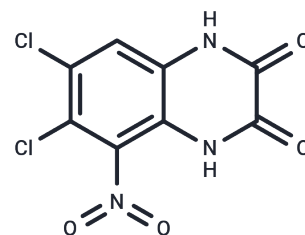


Licostinel

Chemical Properties

CAS No. :	153504-81-5
Formula:	C ₈ H ₃ Cl ₂ N ₃ O ₄
Molecular Weight:	276.03
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Licostinel (CGP 63446) is a glutamate receptor antagonist. Licostinel protects against permanent focal cerebral ischemia.
Targets(IC50)	GluR

Solubility Information

Solubility	DMSO: 55 mg/mL (199.25 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6228 mL	18.114 mL	36.2279 mL
5 mM	0.7246 mL	3.6228 mL	7.2456 mL
10 mM	0.3623 mL	1.8114 mL	3.6228 mL
50 mM	0.0725 mL	0.3623 mL	0.7246 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

Qiu W, Wei R, Zhang C, Zhang C, Leng W, Wang W. A glycine site-specific NMDA receptor antagonist protects retina ganglion cells from ischemic injury by modulating apoptotic cascades. J Cell Physiol. 2010 Jun;223(3):819-26. doi:

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