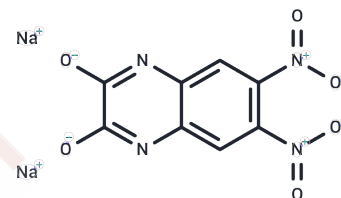


DNQX disodium salt

Chemical Properties

CAS No. : 1312992-24-7
 Formula: C₈H₂N₄Na₂O₆
 Molecular Weight: 296.1
 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	DNQX disodium salt is a water-soluble form of selective antagonist of non-NMDA receptor
Targets(IC50)	NMDAR,iGluR

Solubility Information

Solubility	DMSO: 9 mg/mL (30.4 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	3.3772 mL	16.8862 mL	33.7724 mL
5 mM	0.6754 mL	3.3772 mL	6.7545 mL
10 mM	0.3377 mL	1.6886 mL	3.3772 mL
50 mM	0.0675 mL	0.3377 mL	0.6754 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

Lee S H , Govindaiah G , Cox C L . Selective Excitatory Actions of DNQX and CNQX in Rat Thalamic Neurons[J]. Journal of Neurophysiology, 2010, 103(4):1728-1734.

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