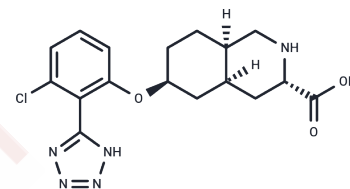


Dasolampanel

Chemical Properties

CAS No. :	503294-13-1
Formula:	C ₁₇ H ₂₀ ClN ₅ O ₃
Molecular Weight:	377.83
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Dasolampanel (NGX-426) is an orally available ionotropic glutamate receptor AMPA and Kainate receptor antagonist for the study of chronic pain disorders, including neuropathic pain and migraine.
Targets(IC50)	Others, GluR, iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6467 mL	13.2335 mL	26.4669 mL
5 mM	0.5293 mL	2.6467 mL	5.2934 mL
10 mM	0.2647 mL	1.3233 mL	2.6467 mL
50 mM	0.0529 mL	0.2647 mL	0.5293 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

- Martinez-Perez JA, et al. GluK1 antagonists from 6-(tetrazolyl)phenyl decahydroisoquinoline derivatives: in vitro profile and in vivo analgesic efficacy. *Bioorg Med Chem Lett.* 2013 Dec 1;23(23):6463-6.
- Alt A, et al. In vitro and in vivo studies in rats with LY293558 suggest AMPA/kainate receptor blockade as a novel potential mechanism for the therapeutic treatment of anxiety disorders. *Psychopharmacology (Berl).* 2006 Apr;185 (2):240-7.

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