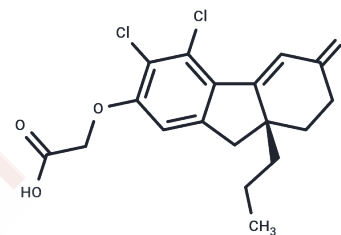


L 644711

Chemical Properties

CAS No. : 81997-33-3
 Formula: C₁₈H₁₈Cl₂O₄
 Molecular Weight: 369.24
 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	L 644711 is an antagonist of HCO ₃ ⁻ /Cl ⁻ antiporter.
Targets(IC50)	Others, iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7083 mL	13.5413 mL	27.0827 mL
5 mM	0.5417 mL	2.7083 mL	5.4165 mL
10 mM	0.2708 mL	1.3541 mL	2.7083 mL
50 mM	0.0542 mL	0.2708 mL	0.5417 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

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- Kimelberg HK. Volume activated anion channel and astrocytic cellular edema in traumatic brain injury and stroke. Adv Exp Med Biol. 2004;559:157-67. PubMed PMID: 18727237.
- Zhang Y, Zhang H, Feustel PJ, Kimelberg HK. DCPIB, a specific inhibitor of volume regulated anion channels (VRACs), reduces infarct size in MCAo and the release of glutamate in the ischemic cortical penumbra. Exp Neurol. 2008 Apr;210(2):514-20. doi: 10.1016/j.expneurol.2007.11.027. Epub 2007 Dec 7. PubMed PMID: 18206872; PubMed Central PMCID: PMC2362851.
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