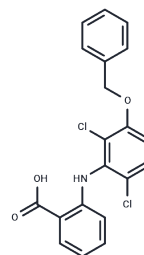


AK-42

Chemical Properties

CAS No. : 15437-29-3
Formula: C₂₀H₁₅Cl₂NO₃
Molecular Weight: 388.24
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	AK-42 is a novel potent and specific inhibitor of CLC-2, displaying unprecedented selectivity over CLC-1, the closest CLC-2 homolog, and exhibiting no off-target engagement against a panel of 61 common channels, receptors, and transporters expressed in brain tissue.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5757 mL	12.8786 mL	25.7573 mL
5 mM	0.5151 mL	2.5757 mL	5.1515 mL
10 mM	0.2576 mL	1.2879 mL	2.5757 mL
50 mM	0.0515 mL	0.2576 mL	0.5151 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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