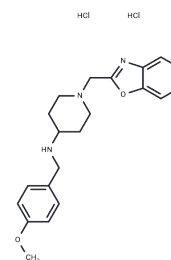


DDO-02005

Chemical Properties

CAS No. : 1186049-44-4
Formula: C₂₁H₂₇Cl₂N₃O₂
Molecular Weight: 424.37
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DDO-02005 is a potent inhibitor of the Kv1.5 calcium channel (IC ₅₀ : 0.72 μM). DDO-02005 exhibits good anti-fibrillation effects in a CaCl ₂ -ACh atrial fibrillation rat model and is effective against anti-aconitine-induced arrhythmias.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3564 mL	11.7822 mL	23.5643 mL
5 mM	0.4713 mL	2.3564 mL	4.7129 mL
10 mM	0.2356 mL	1.1782 mL	2.3564 mL
50 mM	0.0471 mL	0.2356 mL	0.4713 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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