

Choline-13C2 chloride

Chemical Properties

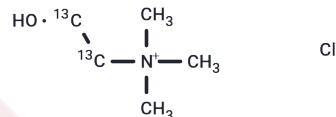
CAS No. : 202190-49-6

Formula: C₅H₁₄ClNO

Molecular Weight: 141.61

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 | Choline-13C2 chloride is the 13C-labeled version of Choline chloride. As an essential nutrient, Choline chloride (T1039) activates α7 nicotinic receptors (alpha7 nicotinic receptors) and exhibits analgesic and anti-inflammatory properties. It may influence conditions such as liver diseases, atherosclerosis, and neurological disorders. |
| Targets(IC50) | Endogenous Metabolite,AChR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 7.0616 mL | 35.3082 mL | 70.6165 mL |
| 5 mM | 1.4123 mL | 7.0616 mL | 14.1233 mL |
| 10 mM | 0.7062 mL | 3.5308 mL | 7.0616 mL |
| 50 mM | 0.1412 mL | 0.7062 mL | 1.4123 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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