

ZM514

Chemical Properties

CAS No. :

Formula: C₃₆H₅₇N₄O₄

Molecular Weight: 567.84

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 | ZM514 is a potent inhibitor of CD73, acting on hCD73 (IC ₅₀ : 1.39 μM) and mCD73 (IC ₅₀ : 14.65 μM). zM514 has low cytotoxicity and can be used in anti-cancer studies. |
| Targets(IC ₅₀) | Others,CD73 |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7611 mL | 8.8053 mL | 17.6106 mL |
| 5 mM | 0.3522 mL | 1.7611 mL | 3.5221 mL |
| 10 mM | 0.1761 mL | 0.8805 mL | 1.7611 mL |
| 50 mM | 0.0352 mL | 0.1761 mL | 0.3522 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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