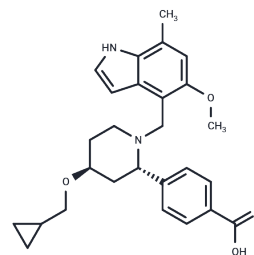


Factor B-IN-5

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2797066-85-2 |
| Formula: | C ₂₇ H ₃₂ N ₂ O ₄ |
| Molecular Weight: | 448.55 |
| 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 | Factor B-IN-5 is a complement factor B inhibitor, which can be used to study immune-related diseases. |
| Targets(IC50) | Complement System |
| In vitro | Factor B-IN-5 is a potent complement factor B inhibitor with IC ₅₀ = 1.2 μM. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.2294 mL | 11.147 mL | 22.2941 mL |
| 5 mM | 0.4459 mL | 2.2294 mL | 4.4588 mL |
| 10 mM | 0.2229 mL | 1.1147 mL | 2.2294 mL |
| 50 mM | 0.0446 mL | 0.2229 mL | 0.4459 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

Luan Linbo, et al. Heterocyclic compound, preparation method therefor and use thereof. WO2022028507A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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