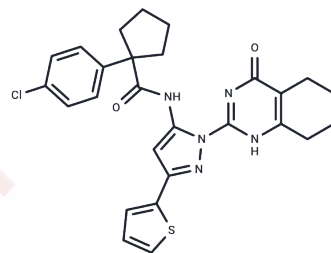


CFTR corrector 16

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1210305-23-9 |
| Formula: | C ₂₇ H ₂₆ ClN ₅ O ₂ S |
| Molecular Weight: | 520.05 |
| 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 | CFTRcorrector 16 (Compound 39) is a corrector of the cystic fibrosis transmembrane conductance regulator (CFTR), utilized in the research of cystic fibrosis disease. |
| Targets(IC50) | CFTR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9229 mL | 9.6145 mL | 19.2289 mL |
| 5 mM | 0.3846 mL | 1.9229 mL | 3.8458 mL |
| 10 mM | 0.1923 mL | 0.9614 mL | 1.9229 mL |
| 50 mM | 0.0385 mL | 0.1923 mL | 0.3846 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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