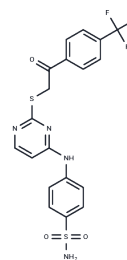


Carbonic anhydrase inhibitor 11

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2411059-71-5 |
| Formula: | C ₁₉ H ₁₅ F ₃ N ₄ O ₃ S ₂ |
| Molecular Weight: | 468.47 |
| 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 | Carbonic anhydrase inhibitor 11 (compound VI) is a potent, selective inhibitor of carbonic anhydrase, targeting CA II (K _i : 40 nM), CA IX (K _i : 39 nM), and CA XII (K _i : 900 nM). |
| Targets(IC50) | Others,Carbonic Anhydrase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 2.1346 mL | 10.673 mL | 21.3461 mL |
| 5 mM | 0.4269 mL | 2.1346 mL | 4.2692 mL |
| 10 mM | 0.2135 mL | 1.0673 mL | 2.1346 mL |
| 50 mM | 0.0427 mL | 0.2135 mL | 0.4269 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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