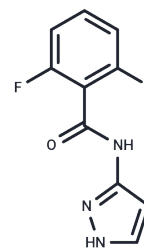


## CRAC intermediate 1

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1249343-86-9  |
| Formula:          | C <sub>10</sub> H <sub>7</sub> F <sub>2</sub> N <sub>3</sub> O  |
| Molecular Weight: | 223.18  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | CRAC intermediate 1 is a key intermediate used in the synthesis of the CRAC ion channel series of compounds, details from patent WO 2010122089. |
| Targets(IC50) | Calcium Channel   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 50 mg/mL (224.03 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 4.4807 mL | 22.4034 mL | 44.8069 mL |
| 5 mM  | 0.8961 mL | 4.4807 mL  | 8.9614 mL  |
| 10 mM | 0.4481 mL | 2.2403 mL  | 4.4807 mL  |
| 50 mM | 0.0896 mL | 0.4481 mL  | 0.8961 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.

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