Data Sheet (Cat.No.T28703)



SC-75416

| Chemical Proper | ies |
|-------------------|--|
| CAS No. : | 215122-74-0 |
| Formula: | C15H14ClF3O3 |
| Molecular Weight: | 334.72 ^{HO} |
| Appearance: | no data available $F = H_{4C} + CH_{3}$ |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year |
| | |

| Biological Description | e · |
|-------------------------------|--|
| Description | SC-75416, a cyclooxygenase-2 (COX-2) inhibitor, is used potentially for the treatment of postoperative inflammation. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|---------|-----------|------------|------------|
| 1 mM | 2.9876 mL | 14.9379 mL | 29.8757 mL |
| 5 mM | 0.5975 mL | 2.9876 mL | 5.9751 mL |
| 10 mM 🕓 | 0.2988 mL | 1.4938 mL | 2.9876 mL |
| 50 mM | 0.0598 mL | 0.2988 mL | 0.5975 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.

Reference

Kowalski KG, Olson S, Remmers AE, Hutmacher MM. Modeling and simulation to support dose selection and clinical development of SC-75416, a selective COX-2 inhibitor for the treatment of acute and chronic pain. Clin

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