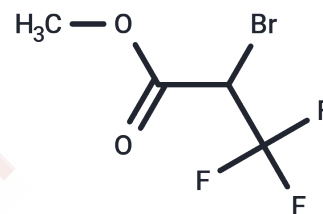


Methyl 2-bromo-3,3,3-trifluoropropionate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 113816-36-7 |
| Formula: | C ₄ H ₄ BrF ₃ O ₂ |
| Molecular Weight: | 220.97 |
| 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 | Methyl 2-bromo-3,3,3-trifluoropropionate (MBTFP) is a surfactant known for its excellent miscibility, making it an effective solvent in organic reactions. It demonstrates good reactivity in chemical synthesis, suitable for preparing a variety of organic compounds. Additionally, Methyl 2-bromo-3,3,3-trifluoropropionate enhances the uniformity of reaction mixtures, effectively promoting reaction processes. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 4.5255 mL | 22.6275 mL | 45.255 mL |
| 5 mM | 0.9051 mL | 4.5255 mL | 9.051 mL |
| 10 mM | 0.4526 mL | 2.2628 mL | 4.5255 mL |
| 50 mM | 0.0905 mL | 0.4526 mL | 0.9051 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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