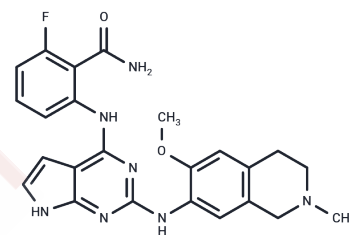


IGF-1R inhibitor-2

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1116236-15-7 |
| Formula: | C ₂₄ H ₂₄ FN ₇ O ₂ |
| Molecular Weight: | 461.501 |
| 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 | IGF-1R inhibitor-2 (example 121) is a compound that inhibits the insulin-like growth factor-1 receptor (IGF-1R), potentially reversing the transformed phenotype of tumor cells and increasing their susceptibility to apoptosis. |
| Targets(IC50) | Others,IGF-1R |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1668 mL | 10.8342 mL | 21.6685 mL |
| 5 mM | 0.4334 mL | 2.1668 mL | 4.3337 mL |
| 10 mM | 0.2167 mL | 1.0834 mL | 2.1668 mL |
| 50 mM | 0.0433 mL | 0.2167 mL | 0.4334 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.

Reference

Stanley Dawes Chamberlain, et al. IR receptor tyrosine kinase and ALK kinase for treating cancer. WO2009020990 A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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