

Afatinib impurity 2

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 1456696-14-2 |
| Formula: | C ₁₈ H ₂₂ N ₄ O ₄ |
| Molecular Weight: | 358.4 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|--|
| Description | Afatinib impurity 2 is a known impurity of Afatinib. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7902 mL | 13.9509 mL | 27.9018 mL |
| 5 mM | 0.558 mL | 2.7902 mL | 5.5804 mL |
| 10 mM | 0.279 mL | 1.3951 mL | 2.7902 mL |
| 50 mM | 0.0558 mL | 0.279 mL | 0.558 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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