

## Dacomitinib impurity 16

## Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 2803456-91-7   |
| Formula:          | C <sub>15</sub> H <sub>10</sub> ClFN <sub>4</sub> O <sub>3</sub>   |
| Molecular Weight: | 348.72   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |

## Biological Description

|               |   |
|---------------|---|
| Description   | Dacomitinib impurity 16 is a known impurity of Dacomitinib. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.8676 mL | 14.3382 mL | 28.6763 mL |
| 5 mM  | 0.5735 mL | 2.8676 mL  | 5.7353 mL  |
| 10 mM | 0.2868 mL | 1.4338 mL  | 2.8676 mL  |
| 50 mM | 0.0574 mL | 0.2868 mL  | 0.5735 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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