





Certificate of Analysis

| Product Name | PI3Kγ inhibitor 3 |
|--------------|-------------------|
| Catalog No. | V4982 |
| Batch No. | V498201 |

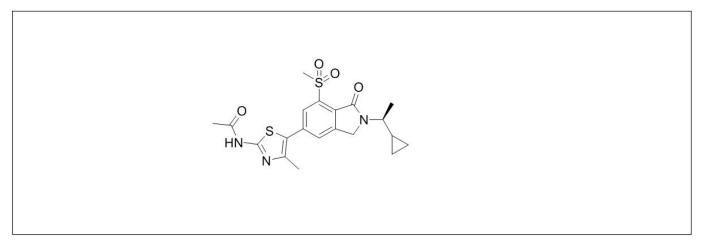
1. Physical and Chemical Properties

| Appearance | Powder |
|-------------------|-------------------------|
| Molecular Formula | $C_{20}H_{23}N_3O_4S_2$ |
| Molecular Weight | 433.54 |
| Purity | ≥98.0% |
| CAS No. | 2132961-46-5 |

2. Analytical Data

| HPLC | Indicates ≥98.0% purity |
|---------------|---------------------------|
| NMR | Consistent with structure |
| Mass Spectrum | Consistent with structure |

3. Structure



4. Storage Condition

| Short term storage (weeks) | 0 - 4 °C under dry condition |
|----------------------------|------------------------------|
| Long term storage (months) | -20 °C under dry condition |

Products are for research use only • Not for human or veterinary use

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