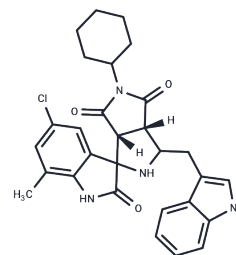


Compound STK591362

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 1013982-20-1 |
| Formula: | C ₂₉ H ₂₉ ClN ₄ O ₃ |
| Molecular Weight: | 517.02 |
| Storage: | Store at low temperature 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 | Compound STK591362 serves as a key synthetic intermediate for the preparation of a wide range of biologically and chemically active compounds. Compound STK591362 enables the development of functionalized derivatives and complex molecular scaffolds, therefore contributing to advanced research in biomedical and pharmaceutical sciences, as well as mechanistic studies in organic and medicinal chemistry. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9342 mL | 9.6708 mL | 19.3416 mL |
| 5 mM | 0.3868 mL | 1.9342 mL | 3.8683 mL |
| 10 mM | 0.1934 mL | 0.9671 mL | 1.9342 mL |
| 50 mM | 0.0387 mL | 0.1934 mL | 0.3868 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

Ashley L Lennox, et al. Imetelstat, a novel, first-in-class telomerase inhibitor: Mechanism of action, clinical, and translational science. Review Clin Transl Sci. 2024 Nov;17(11):e70076.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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