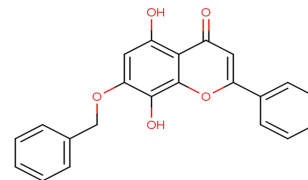


CDK9-IN-10

Chemical Properties

CAS No.: 3542-63-0
Formula: C₂₂H₁₆O₅
Molecular Weight: 360.36
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

| | |
|----------------------------|--|
| Description | CDK9-IN-10 is a potent CDK9 inhibitor and the ligand for the PROTAC CDK9 degrader-2. |
| Targets(IC ₅₀) | CDK9: None |

Solubility Information

| | |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|----------|
| 1 mM | 2.775 mL | 13.875 mL | 27.75 mL |
| 5 mM | 0.555 mL | 2.775 mL | 5.55 mL |
| 10 mM | 0.278 mL | 1.388 mL | 2.775 mL |
| 50 mM | 0.056 mL | 0.278 mL | 0.555 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Bian J, et al. Discovery of Wogonin-based PROTACs against CDK9 and capable of achieving antitumor activity. Bioorg Chem. 2018 Dec;81:373-381.

Inhibitors · Natural Compounds · Compound Libraries

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