

ECDD-S18

Chemical Properties

CAS No. :

Formula: C35H31BrO12

Molecular Weight: 723.52

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

| | |
|---------------|--|
| Description | ECDD-S18 (compound ECDD-S18) induces apoptosis in a dose-dependent manner, effectively targeting the vacuolar ATPase (V-ATPase) and impairing lysosomal acidification. |
| Targets(IC50) | Apoptosis |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.3821 mL | 6.9107 mL | 13.8213 mL |
| 5 mM | 0.2764 mL | 1.3821 mL | 2.7643 mL |
| 10 mM | 0.1382 mL | 0.6911 mL | 1.3821 mL |
| 50 mM | 0.0276 mL | 0.1382 mL | 0.2764 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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