

AZ99

## Chemical Properties

CAS No. :

Formula: C<sub>30</sub>H<sub>35</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 485.62

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   | AZ99 (compound 7) serves as an effective inhibitor of ABCG2. It impedes the transport of estrone-3-sulfate (E1S) to proteoliposomes and inhibits ABCG2 ATPase activity mediated by ABCG2. |
| Targets(IC50) | BCRP  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.0592 mL | 10.2961 mL | 20.5922 mL |
| 5 mM  | 0.4118 mL | 2.0592 mL  | 4.1184 mL  |
| 10 mM | 0.2059 mL | 1.0296 mL  | 2.0592 mL  |
| 50 mM | 0.0412 mL | 0.2059 mL  | 0.4118 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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