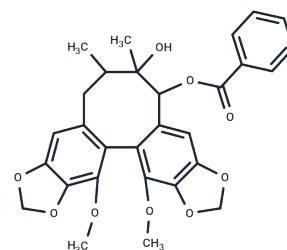


## Schisantherin D

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 64917-82-4  |
| Formula:          | C <sub>29</sub> H <sub>28</sub> O <sub>9</sub>  |
| Molecular Weight: | 520.534   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|                            |   |
|----------------------------|---|
| Description                | Schisantherin D shows good anti-HIV activity with the EC <sub>50</sub> value of 0.5 micrograms/mL, and the therapeutic index (TI) value of 110. |
| Targets(IC <sub>50</sub> ) | HIV Protease  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.9211 mL | 9.6056 mL | 19.2112 mL |
| 5 mM  | 0.3842 mL | 1.9211 mL | 3.8422 mL  |
| 10 mM | 0.1921 mL | 0.9606 mL | 1.9211 mL  |
| 50 mM | 0.0384 mL | 0.1921 mL | 0.3842 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

Anti-AIDS agents--XXVI. Structure-activity correlations of gomisin-G-related anti-HIV lignans from Kadsura interior and of related synthetic analogues. *Bioorg Med Chem.* 1997 Aug;5(8):1715-23.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481