

**(+)-Schisandrin B****Chemical Properties**

CAS No. : 82467-52-5

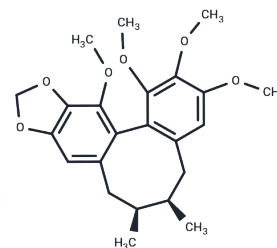
Formula: C<sub>23</sub>H<sub>28</sub>O<sub>6</sub>

Molecular Weight: 400.46

Keep away from direct sunlight

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	(+)-Schisandrin B is a natural lignan demonstrating inhibitory activity against HIV-1 in H9 cells (EC <sub>50</sub> = 0.8 mg/L).
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Targets(IC <sub>50</sub> )	HIV Protease
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**Solubility Information**

Solubility	DMSO: 20 mg/mL (49.94 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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**Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	2.4971 mL	12.4856 mL	24.9713 mL
5 mM	0.4994 mL	2.4971 mL	4.9943 mL
10 mM	0.2497 mL	1.2486 mL	2.4971 mL
50 mM	0.0499 mL	0.2497 mL	0.4994 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**

Kam-Ming Ko, et al. Schisandrin B protects against tert-butylhydroperoxide induced cerebral toxicity by enhancing glutathione antioxidant status in mouse brain. Mol Cell Biochem. 2002 Sep;238(1-2):181-6.

**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