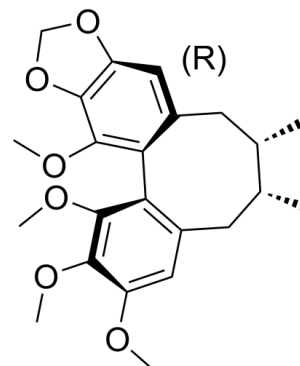


## Data Sheet

<b>Product Name:</b>	(+)-Schisandrin B
<b>Cat. No.:</b>	CS-0019596
<b>CAS No.:</b>	82467-52-5
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>28</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	400.46
<b>Target:</b>	Reactive Oxygen Species
<b>Pathway:</b>	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
<b>Solubility:</b>	10 mM in DMSO



### BIOLOGICAL ACTIVITY:

(+)-Schisandrin B is an enantiomer of Schisandrin B. Schisandrin B is an active dibenzocyclooctadiene derivative isolated from the fruit of Schisandra chinensis, has antioxidant effect on rodent liver and heart<sup>[1]</sup>.

### References:

[1]. 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.

### CAIndexNames:

Benzo[3,4]cycloocta[1,2-f][1,3]benzodioxole, 5,6,7,8-tetrahydro-1,2,3,13-tetramethoxy-6,7-dimethyl-, (6R,7S,13aR)-

### SMILES:

COC(C1=C(C=C2C[C@@H]3C)OCOC1)=C2C4=C(C=C(C(OC)=C4OC)OC)C[C@H]3C.[R]

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA