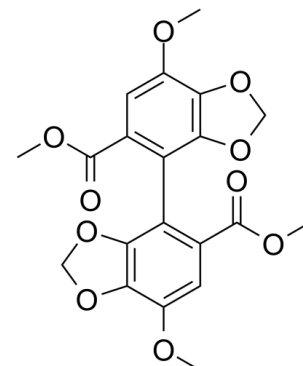


## Data Sheet

<b>Product Name:</b>	Bifendate
<b>Cat. No.:</b>	CS-W019577
<b>CAS No.:</b>	73536-69-3
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>18</sub> O <sub>10</sub>
<b>Molecular Weight:</b>	418.35
<b>Target:</b>	HBV
<b>Pathway:</b>	Anti-infection
<b>Solubility:</b>	DMSO : 50 mg/mL (119.52 mM; Need ultrasonic); H <sub>2</sub> O : 1 mg/mL (2.39 mM; ultrasonic and warming and heat to 80°C)



### BIOLOGICAL ACTIVITY:

Bifendate (DDB) is a synthetic intermediate of Schisandrin C with anti-**HBV** efficacy in research of chronic hepatitis B<sup>[1]</sup>.

### References:

[1]. Cui S, et al. [Anti-HBV efficacy of bifendate in treatment of chronic hepatitis B, a primary study]. Zhonghua Yi Xue Za Zhi. 2002 Apr 25;82(8):538-40.

### CAIndexNames:

[4,4'-Bi-1,3-benzodioxole]-5,5'-dicarboxylic acid, 7,7'-dimethoxy-, 5,5'-dimethyl ester

### SMILES:

C2=C(OC)C1=C(OCO1)C(=C2C(OC)=O)C3=C(C=C(OC)C4=C3OCO4)C(OC)=O

**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