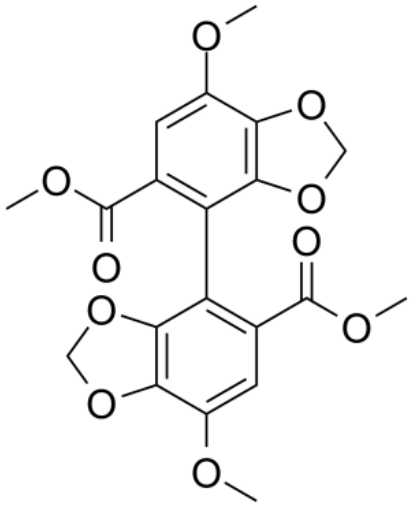
# Product Data Sheet

Product Name: Bifendate
Cat. No.: GC39348

## Chemical Properties

| | | | |
|---|---|---|---|
| Cas. No. | 73536-69-3 | | |
| SMILES | C2=C(OC)C1=C(OCO1)C(=C2C(OC)=O)C3=C(C=C(OC)C4=C3OCO4)C(OC)=O | | |
| Formula | $C_{20}H_{18}O_{10}$ | M.Wt | 418.35 |
| Solubility | DMSO: 50 mg/mL (119.52 mM);<br>Water: < 0.1 mg/mL (insoluble) | Storage | 4°C, protect from light, stored under nitrogen |
| General tips | For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months. | | |
| Shipping Condition | Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request. | | |

Structure



## Background

# Product Data Sheet

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

[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.

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