

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

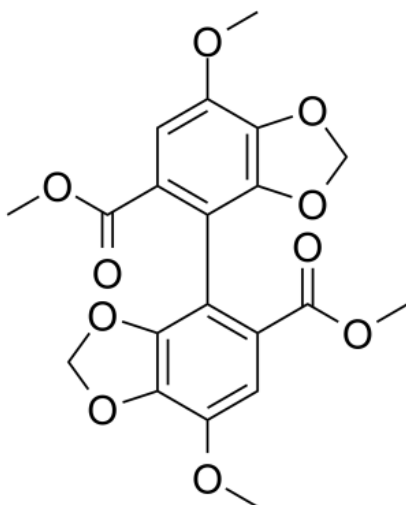
Solubility DMSO: 50 mg/mL (119.52 mM);
Water: < 0.1 mg/mL (insoluble)

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

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

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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.

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