
Product Data Sheet

Product Name: Benzfurodil (Benfurodil)

Cat. No.: GC32624

Chemical Properties

Cas. No. 3447-95-8

SMILES O=C(OC(C1=C(C)C2=CC(C3=CC(OC3)=O)=CC=C2O1)C)CCC(O)=OFormula C₁₉H₁₈O₇ M.Wt 358.34

Solubility Soluble in DMSO Storage Store at -20°C

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**

Benzfurodil is a cardiotoxic, which is used for the chronic treatment of congestive heart failure.

Benzfurodil (Benfurodil hemisuccinate) is a Cardiotoxic[1]. The synthetic drug Benzfurodil (Benfurodil hemisuccinate) which is used for the chronic treatment of congestive heart failure[2].

[1]. Mao F, et al. Chemical Structure-Related Drug-Like Criteria of Global Approved Drugs. *Molecules*. 2016 Jan 12;21(1):75. [2]. JohnBoukouvalas, et al. Facile access to 4-aryl-2(5H)-furanones by Suzuki cross coupling: Efficient synthesis of rubrolides C and E. *Tetrahedron Lett*. 1998 Oct 15: 7665-7668.

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

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