
Product Data Sheet

Product Name: 7-hydroxy Warfarin

Cat. No.: GC40529

Chemical Properties

Cas. No. 17834-03-6

SMILES O=C1OC2=CC(O)=CC=C2C(O)=C1C(C3=CC=CC=C3)CC(C)=OFormula C₁₉H₁₆O₅

M.Wt 324.3

Solubility DMSO : 50 mg/mL (154.16 mM; Need ultrasonic) 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**

7-hydroxy Warfarin is a metabolite of (-)-warfarin , which is a more potent vitamin K antagonist than (+)-warfarin . Both isomers of warfarin are metabolized by the cytochrome P450 isoform 2C9 (CYP2C9). Stereoselective metabolism also occurs, and CYP2C9 is the primary enzyme responsible for metabolism of (-)-warfarin to 7-hydroxy warfarin.

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

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