

Product Name : Dicumarol

Synonyms : NSC 17860; NSC 41834; NSC 221570

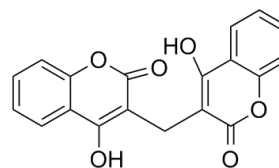
Cat No. : M15550

CAS Number : 66-76-2

Molecular Formula : C₁₉H₁₂O₆

Formula Weight : 336.29

Chemical Name : 4-hydroxy-3-[(4-hydroxy-2-oxochromen-3-yl)methyl]chromen-2-one



Description : An oral anticoagulant that interferes with the metabolism of vitamin K. It is also used in biochemical experiments as an inhibitor of reductases.

Pathway : Membrane Transporter/Ion Channel

Target : NADPH

Receptor : NQO1; PDK1

Solubility : Ethanol: 67 mg/mL (199.23 mM); DMSO: 67 mg/mL (199.23 mM)

SMILES : C1=CC=C2C(=C1)C(=C(C(=O)O2)CC3=C(C4=CC=CC=C4OC3=O)O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Jaiswal AK. Arch Biochem Biophys. 2000, 375(1):62-8.