



Product Information

4-Hydroxycoumarin

Cat. No.: X22-05-ZQ061

Size: 100 mg; 200 mg; 500 mg; 1 g

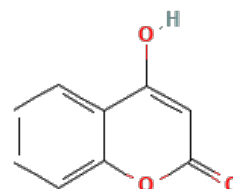
MDL: MFCD00006856

CAS Number: 1076-38-6

Compound CID: 54682930

Synonym: 1076-38-6; 4-Hydroxycoumarin; 4-Coumarinol; 4-Hydroxychromen-2-one

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	4-Hydroxycoumarin, a coumarin derivative, is one of the most versatile heterocyclic scaffolds and is frequently applied in the synthesis of various organic compounds. 4-Hydroxycoumarin possesses both electrophilic and nucleophilic properties. 4-Hydroxycoumarin derivatives are employed as the anticoagulant, antibacterial, antifungal, antiviral, antitumor, antiprotozoal, insecticidal, antimycobacterial, antimutagenic, antioxidant, anti-inflammatory agents, HIV protease inhibitors and tyrosine kinase inhibitors. This product can be used in the synthesis of various organic compounds.
Molecular Weight	162.14
Molecular Formula	C ₉ H ₆ O ₃
IUPAC Name	4-Hydroxychromen-2-one
InChI	InChI=1S/C9H6O3/c10-7-5-9(11)12-8-4-2-1-3-6(7)8/h1-5,10H
InChI Key	VXIXUWQIVKSKSA-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C2C(=C1)C(=CC(=O)O2)O
Form	Powder
Purity	≥98%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	4-Hydroxycoumarin can be used in the synthesis of various organic compounds.
Storage	Store at 4°C. Protect from light.

Safety Information



**Personal Protective
Equipment**

Gloves, eyeshields, N95 mask
