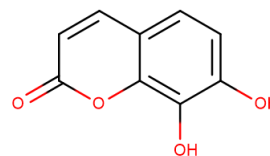


Product Name	: Daphnetin
Synonyms	: 7,8-Dihydroxycoumarin; NSC 633563
Cat No.	: M14627
CAS Number	: 486-35-1
Molecular Formula	: C ₉ H ₆ O ₄
Formula Weight	: 178.14
Chemical Name	: 7,8-dihydroxy-2H-1-benzopyran-2-one
Description	: Daphnetin, a natural coumarin derivative, is a protein kinase inhibitor, inhibits EGFR, PKA and PKC with IC ₅₀ of 7.67 μM, 9.33 μM and 25.01 μM, respectively, also known to exhibit anti-inflammatory and anti-oxidant activities.
Pathway	: Angiogenesis
Target	: EGFR
Receptor	: EGFR; PKA; PKC
Solubility	: DMSO: 35 mg/mL (196.47 mM)
SMILES	: <chem>O=C1C=CC2=CC=C(O)C(O)=C2O1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Yang EB, et al. Biochem Biophys Res Commun, 1999, 260(3), 682-685.