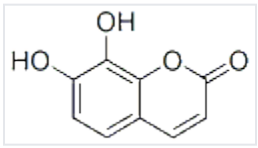
Daphnetin Inhibitor

PRODUCT OVERVIEW

Product Name	Daphnetin, Inhibitor
Full Product Name	Daphnetin
Product Synonym Names	7; 8-dihydroxycoumarin
Form/Format	Powder
Purity/Purification	>98%
Concentration	0.1 mM: 56.15 mL (1 mg); 280.74 mL (5 mg); 561.48mL (10 mg) 0.5 mM: 11.23 mL (1 mg); 56.15 mL (5 mg); 112.3 mL (10 mg) 1 mM: 5.61 mL (1 mg); 28.07 mL (5 mg); 56.15 mL (10 mg) 5 mM: 1.12 mL (1 mg); 5.61 mL (5 mg); 11.23 mL (10 mg) (lot specific)
Preparation and Storage	at -20 degree C 3 years Powder
Molecular Weight	178.1
CAS Number	486-35-1
Formula	C9H6O4
SMILES	C1=CC(=C(C2=C1C=CC(=O)O2)O)O
Actions	Inhibitor
Solubility (DMSO)	35 mg/mL (196.47 mM)
Solubility (Ethanol)	<1 mg/mL (<1 mM)
Solubility (Water)	<1 mg/mL (<1 mM)
Availability	We cannot ship this item to Switzerland, Italy, Germany, France and Austria.
Related Product Information for Daphnetin, inhibitor	Daphnetin is a coumarin analog that acts as an inhibitor of several protein kinases. It inhibits EGFR kinase (IC50 = 7.67 ?M), PKA (IC50 = 9.33 ?M), and PKC (IC50 = 25 ?M), in vitro. The inhibition of EGFR kinase by daphnetin was competitive to ATP and non-competitive to the peptide substrate. Also acts as a potent antioxidant and anti-malarial agent.
Other Notes	Small volumes of Daphnetin, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Daphnetin purchase	MBS384075 is an inhibitor targeting Daphnetin.



Chemical Structure of Daphnetin, inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/daphnetin/384075