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## Product Datasheet

### 4-Methyldaphnetin, CAS [[2107-77-9]] BYT-ORB1297685

Article Name	4-Methyldaphnetin, CAS [[2107-77-9]]
Biozol Catalog Number	BYT-ORB1297685
Supplier Catalog Number	orb1297685
Alternative Catalog Number	BYT-ORB1297685-100
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	4-Methyldaphnetin (7,8-Dihydroxy-4-methylcoumarin) is a micromolar inhibitor of 5-lipoxygenase with antioxidant properties, though it can exhibit pro-oxidant activity with free iron. This compound is used in research on oxidative stress, inflammation...
Molecular Weight	192.17
Purity	99.73% (May vary between batches)
CAS Number	[2107-77-9]
Formula	C10H8O4
Target	Apoptosis,Lipoxygenase
Application Notes	Solubility: DMSO:35 mg/mL (182.13 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (10.41 mM),Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.:Soluble