

Umbelliferyl Arachidonate

Cat. No. CSUB-0473

Lot. No. (See product label)

Introduction

Applications

Umbelliferyl Arachidonate also known as 7-Hydroxycoumarinyl Arachidonate was used as a fluorogenic substrate for developing a fluorescence-based assay to evaluate the inhibitors against human recombinant monoacylglycerol lipase.

Synonyms

5Z; 8Z; 11Z; 14Z-Eicosatetraenoic acid 2-oxo-2H-1-benzopyran-7-yl ester; 7-Hydroxycoumarinyl Arachidonate

Product Information

Form	ethanol solution
EC Number	200-578-6
CAS No.	161180-11-6
Molecular Formula	C ₂₉ H ₃₆ O ₄
Molecular Weight	448.59
Solubility	DMSO: soluble 25 mg/mL
Substrates	Phospholipase A2

Usage and Packaging

Preparation Instructions

Umbelliferyl Arachidonate can be dissolved in DMSO at 25 mg/ml and in DMF at 50 mg/ml. The product is sparingly soluble in aqueous buffers.

Storage and Shipping Information

Storage	-20°C
Shipping Conditions	wet ice