

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 C₂₉H₃₆O₄

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