
Product Data Sheet

Product Name: 7-hydroxycoumarinyl- γ -Linolenate

Cat. No.: GC42611

Chemical Properties

Cas. No. 161180-12-7

SMILES CCCCC/C=C\C/C=C\C/C=C\CCCCC(OC1=CC=C2C(OC(C=C2)=O)=C1)=OFormula $C_{27}H_{34}O_4$

M.Wt 422.56

Solubility DMF: 50 mg/ml, DMSO: 25 mg/ml, Ethanol: 100 mg/ml, Ethanol: PBS (pH 7.2) (1:1): 50 μ g/mlStore
Storage at -
20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available sizes: ship with RT, or blue ice upon request.

Structure **Background**

7-hydroxycoumarinyl- γ -Linolenate is a γ -linolenic acid ester of 7-hydroxycoumarin (umbelliferone) that behaves as a substrate for cPLA2. Hydrolysis of 7-hydroxycoumarinyl- γ -linolenate by phospholipase results in the release of the fluorescent compound 7-hydroxycoumarin which can be monitored spectrophotometrically (excitation at 335 nm, emission at 450 nm).

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
