
Product Data Sheet

Product Name: Furan Fatty Acid F6

Cat. No.: GC18800

Chemical Properties

Cas. No. 57818-36-7

Chemical Name 3,4-dimethyl-5-pentyl-2-furanundecanoic acid

SMILES CC1=C(CCCCC)OC(CCCCCCCCCC(O)=O)=C1CFormula $C_{22}H_{38}O_3$ M.Wt 350.5

Solubility DMF: 20 mg/ml, DMSO: 15 mg/ml, Ethanol: 100 mg/ml, PBS (pH 7.2): 1 mg/ml Storage Store 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 size: ship with RT, or blue ice upon request.

Structure **Background**

Furan fatty acid F6 is a furan fatty acid originally isolated from E. lucius (Northern pike). Furan fatty acid F6 pre-treatment prevents cell death from hydrogen peroxide-induced oxidative stress in rat brain C6 astrogloma cells in a dose-dependent manner.

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

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