

Product Data Sheet

Product Name: Resorufin butyrate

Cat. No.: GC41615

Chemical Properties

Cas. No. 15585-42-9

SMILES O=C1C=CC2=NC(C=CC(OC(CCC)=O)=C3)=C3OC2=C1

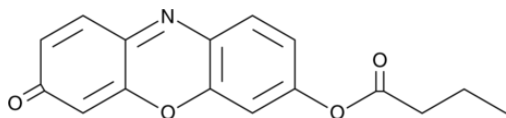
Formula C₁₆H₁₃NO₄ M.Wt 283.3

Solubility DMF: 20 mg/mL, DMF:PBS (pH 7.2); Storage Store at -20°C, sealed storage, away
(1:7): 0.12 mg/mL, DMSO: 5 from moisture
mg/mL, Ethanol: 0.1 mg/mL

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

Resorufin butyrate is a fluorogenic substrate for triglyceride lipases that is amenable to high-throughput analyses. Resorufin butyrate has also been used as a fluorogenic substrate for cholinesterase.

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

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