

Product Data Sheet

Product Name: 7-ethoxy-4-Methylcoumarin

Cat. No.: GC42605

Chemical Properties

Cas. No. 87-05-8

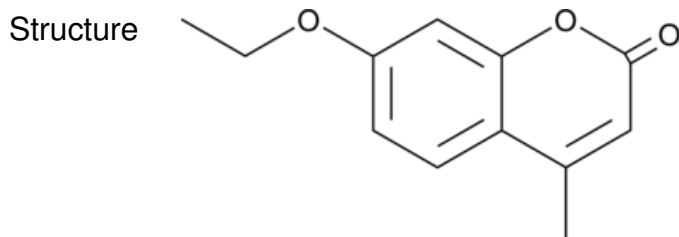
SMILES O=C1C=C(C)C2=CC=C(OCC)C=C2O1

Formula C12H12O3 M.Wt 204.2

Solubility DMF: 30 mg/mL, DMF:PBS (pH 7.2) (1:8): 0.1 mg/mL, DMSO: 25 mg/mL, Ethanol: 10 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.



Background

7-ethoxy-4-Methylcoumarin is a fluorophore that has been used to monitor functional activity of cytochrome P450 (CYP)1A1, CYP2B4, and CYP2B6. It demonstrates excitation/emission maxima of 318 and 377 nm, respectively in methanol and 360 and 449 nm, respectively in dealkylase.

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

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