

Product Data Sheet

Product Name: Fluorescamine (Ro 20-7234)

Cat. No.: GC30289

Chemical Properties

Cas. No. 38183-12-9

SMILES O=C1C2(OC(C3=C2C=CC=C3)=O)OC=C1C4=CC=CC=C4

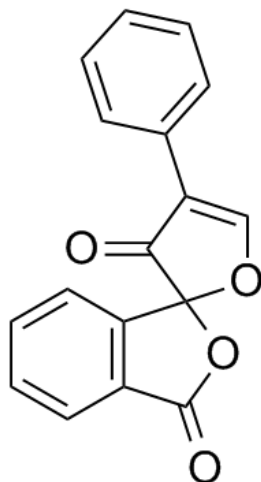
Formula $C_{17}H_{10}O_4$ M.Wt 278.26

Solubility DMSO : ≥ 33 mg/mL (118.59 mM); Water : < 0.1 mg/mL (insoluble) 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

Fluorescamine (Ro 20-7234) is a spiro compound that is not fluorescent itself, but reacts with primary amines to form highly fluorescent products. It hence has been used as a reagent for the detection of amines and peptides.

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

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