

Product Data Sheet

Product Name: Ethyl 7-(Diethylamino)coumarin-3-carboxylate

Cat. No.: GF11896

Chemical Properties

Cas. No. 28705-46-6

Formula C₁₆H₁₉NO₄

M.Wt 289.33

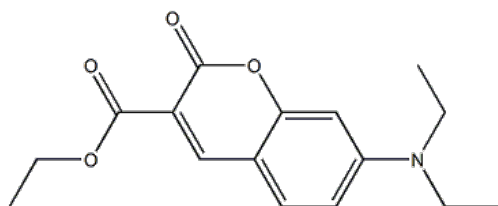
Solubility

Storage Store at RT, away from moisture

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

Ethyl 7-(diethylamino)-2-oxo-2H-chromene-3-carboxylate is a potent and selective inhibitor of hMAO-B with an IC₅₀ of 45.52 μM.

[1]. Secci D, et al. Synthesis and selective human monoamine oxidase inhibition of 3-carbonyl, 3-acyl, and 3-carboxyhydrazido coumarin derivatives. Eur J Med Chem. 2011 Oct;46(10):4846-52.

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

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