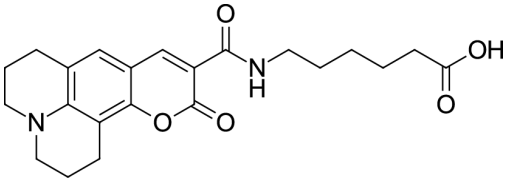
Product Data Sheet

Product Name: Coumarin 343 X carboxylic acid
Cat. No.: GC59038

Chemical Properties

Cas. No.	946123-11-1		
Formula	$C_{22}H_{26}N_2O_5$	M.Wt	398.45
Solubility	Well soluble in DMF, DMSO, moderately soluble in DCM, DCE, EtOAc, insoluble in diethyl ether.	Storage	Storage: 24 months after receival at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.
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

Coumarin 343 is a blue emitting fluorophore used as a laser dye. The fluorophore can serve as a FRET donor for FAM (fluorescein).

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