
Product Data Sheet

Product Name: Coumarin 343 azide

Cat. No.: GC11253

Chemical Properties

Cas. No.

Chemical Name N-(2-(2-(2-azidoethoxy)ethoxy)ethyl)-11-oxo-2,3,5,6,7,11-hexahydro-1H-pyrano[2,3-f]pyrido[3,2,1-ij]quinoline-10-carboxamide

SMILES O=C1OC2=C3C4=C(CCCN4CCC3)C=C2C=C1C(NCCOCCOCCN=[N+]=[N-])=OFormula C₂₂H₂₇N₅O₅ M.Wt 441.48

Solubility	Good in organic solvents (DCM, chloroform, DMF, DMSO, MeCN, alcohols), poor in water	Storage	24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light.
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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 sizes: ship with RT, or blue ice upon request.

Structure **Background**

This greenish-blue emitting fluorophore can be used as a FRET donor for FAM. Azide derivative is suitable for Click Chemistry.

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

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