Product Data Sheet

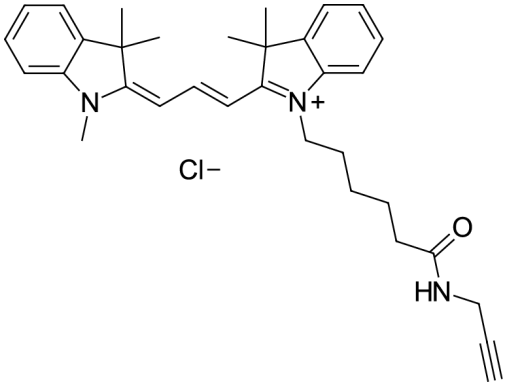
Product Name: Cyanine3 alkyne
Cat. No.: GC59091

Chemical Properties

Cas. No.

Formula	$C_{33}H_{40}ClN_3O$	M.Wt	530.14
Solubility	soluble in organic solvents (DMF, DMSO, dichloromethane), , practically insoluble in water (50 mg/L = 80 uM)	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

Cyanine3 alkyne is a fluorophore ready for the use in Click Chemistry reaction.

With this reagent, bright and photostable Cyanine3 reporter, an analog of Cy3®, can be attached to nearly any molecule bearing azide group.

This alkyne is non water-soluble. However, when used with organic co-solvent (DMSO or DMF), this dye can be efficiently attached to water-soluble molecules such as proteins, or peptides.

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