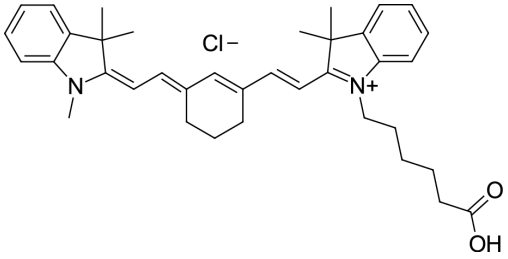
Product Data Sheet

Product Name: Cyanine7 carboxylic acid
Cat. No.: GC59114

Chemical Properties

Cas. No.	1628790-40-8 (chloride), 1628897-82-4 (without anion), 2241083-63-4 (inner salt)		
Formula	$C_{37}H_{45}ClN_2O_2$	M.Wt	585.22
Solubility	soluble in organic solvents (DMSO, DMF, dichloromethane), low solubility in water	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

Free unactivated Cyanine7 dye carboxylic acid. Near-infrared fluorescent dye.

For coupling and labeling reactions also consider using pre-activated Cyanine7 NHS ester, or water-soluble sulfo-Cyanine7 NHS ester.

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