Product Data Sheet

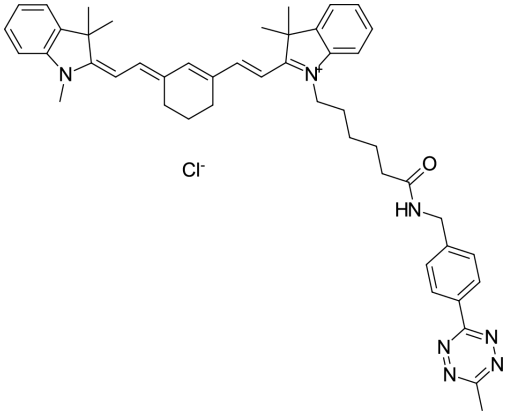
Product Name: Cyanine7 tetrazine
Cat. No.: GC59193

Chemical Properties

Cas. No.

Formula	$C_{47}H_{54}N_7F_6OP$	M.Wt	877.94
Solubility	good in DMF, DMSO, DCM	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

TCO ligation is a reaction that takes place between a tetrazine and a strained olefin, such as trans-cyclooctene.

This tetrazine bears a fragment of near infrared dye, Cyanine7. This NIR fluorophore is especially useful for in vivo imaging.

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