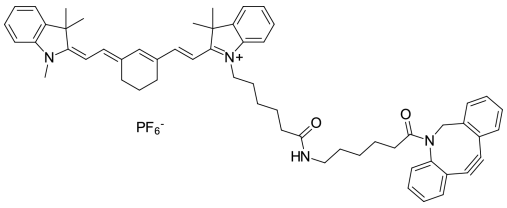
Product Data Sheet

Product Name: Cyanine7 DBCO
Cat. No.: GC59194

Chemical Properties

Cas. No.	2692677-77-1		
Formula	$C_{58}H_{65}N_4ClO_2$	M.Wt	885.62
Solubility	good in DMF, DMSO, DCM	Storage	Storage: 12 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

Cyanine7 DBCO is a NIR fluorescent dye with cycloalkyne moiety for the conjugation with azides by means of copper-free, strain promoted alkyne azide cycloaddition (spAAC).

Azodibenzocyclooctyne (DBCO or ADIBO) fragment is a stable but active cycloalkyne that reacts very rapidly with azides.

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