

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

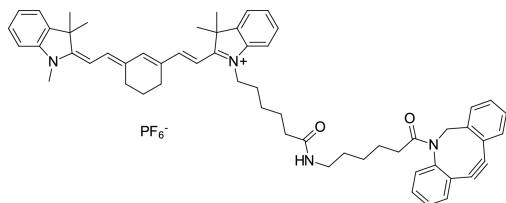
Solubility good in DMF, DMSO, DCM

Storage Storage: 12 months after receipt 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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Cyanine7 DBCO is a NIR fluorescent dye with a 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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA