

Product Data Sheet

Product Name: sulfo-Cyanine3 DBCO

Cat. No.: GC59201

Chemical Properties

Cas. No.

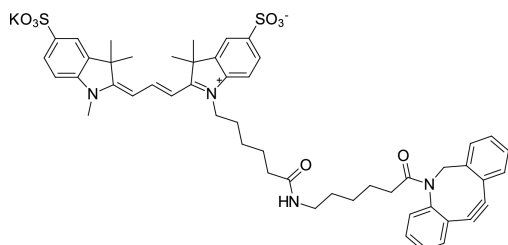
Formula $C_{51}H_{55}N_4KO_8S_2$ M.Wt 955.23

Solubility soluble in water (0.11 M = 11 g/L), DMF, DMSO Storage Storage: 24 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

Sulfo-Cyanine3 DBCO is a water soluble fluorescent dye with a cycloalkyne group for copper-free Click chemistry.

DBCO (dibenzocyclooctyne) is a cyclooctyne with very high reactivity towards azides, still possessing good stability.

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

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