

Product Data Sheet

Product Name: Sulfo-Cyanine5 azide

Cat. No.: GC59169

Chemical Properties

Cas. No.

Formula $C_{35}H_{43}N_6KO_7S_2$

M.Wt 762.98

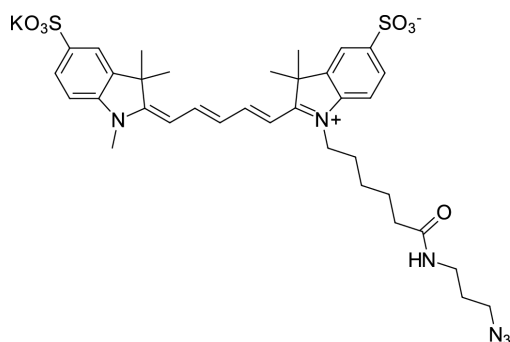
Solubility very high in water

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.

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

Water-soluble Cyanine5 dye azide for Click chemistry. Bright and photostable dye with red fluorescence. The reagent has high water solubility. Due to high solubility and hydrophilicity, the dye can be used for labeling biomolecules in native, purely aqueous conditions.

This reagent, as opposed to competing products, is supplied as an alkaline metal salt and not triethylammonium salt. Therefore, it is a powder which is easy to handle and dispense.

Sulfo-Cyanine5 is an analog of Cy5®, a very popular fluorophore, therefore this reagent is compatible to a wide range of standard fluorescent instrumentation such as imagers, plate readers, and

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

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