

Product Data Sheet

Product Name: Sulfo-Cyanine5 alkyne

Cat. No.: GC59151

Chemical Properties

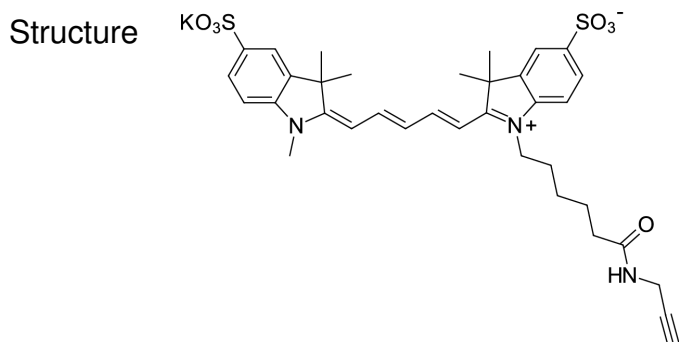
Cas. No. 1617572-09-4 (inner salt); 1617497-19-4 (sodium salt)

Formula $C_{35}H_{40}N_3KO_7S_2$ M.Wt 717.94

Solubility very high in water, DMSO, DMF 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.



Background

Water soluble reagent with alkyne group for Click Chemistry. Sulfo-Cyanine5 is a sulfonated dye, which possesses high hydrophilicity and aqueous solubility, exceptionally high extinction coefficient, good quantum yield, and compatibility with many instruments.

This reagent is recommended for the conjugation with proteins, nanoparticles, and other applications where hydrophilicity is important.

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

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