

Product Data Sheet

Product Name: Cyanine5 Boc-hydrazide

Cat. No.: GC59125

Chemical Properties

Cas. No.

Formula $C_{37}H_{49}ClN_4O_3$ M.Wt 633.26

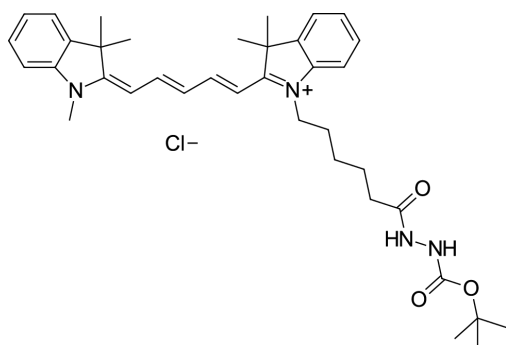
Solubility good in dichloromethane, polar organic solvents (DMF, DMSO), alcohols, low in water

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Boc-protected Cyanine5 hydrazide reactive dye for the labeling of aldehydes and ketones.

Boc- (tert-butoxycarbonyl) protective group can be removed with trifluoroacetic acid, or other strong acid. Reactive hydrazide is formed, which can then couple with various carbonyl groups yielding Cyanine5-labeled molecules.

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

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