

Product Data Sheet

Product Name: Cy3.5 alkyne (non-sulfonated)
Cat. No.: GC19610

Chemical Properties

Cas. No. N/A

SMILES CC(C1=C(C=CC=C2)C2=CC=C1N/3C)(C)C3=C/C=C/C4=[N+](CCCCC(NCC#C)=O)C(C=CC5=C6C=CC=C5)=C6C4(C)C.[Cl-]

Formula $C_{41}H_{44}ClN_3O$ M.Wt 630.26

Solubility >63 mg/mL in DMSO; insoluble in Water; >50.5 mg/mL in EtOH Storage Store at -20°C

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 Cy3.5 alkyne (non-sulfonated)

Background

Cy3.5 alkyne (non-sulfonated) is a fluorescent dye used for labeling nucleic acids and proteins. It is highly soluble in DMSO and DMF, and its fluorescence is stable in these solvents.