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**Product Data Sheet**

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Product Name: CY5-YNE  
Cat. No.: GC30117

**Chemical Properties**

Cas. No. 1345823-20-2

SMILES CC(/C(N1CCCCC(NCC#C)=O)=C\C=C\C=C\C2=[N+](CC)C(C=CC(S(=O))([O-])=O)=C3)=C3C2(C)C)(C)C4=C1C=CC(S(=O))(O)=O)=C4

Formula C<sub>36</sub>H<sub>43</sub>N<sub>3</sub>O<sub>7</sub>S<sub>2</sub> M.Wt 693.87

Solubility DMSO : ≥ 43 mg/mL (61.97 mM) 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

**Background**

CY5-YNE is a reactive dye for the labeling of amino-groups in peptides, proteins, and oligonucleotides.

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

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