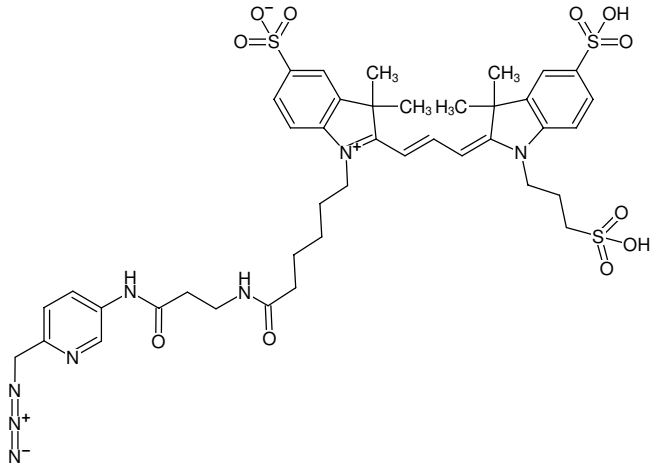
DATA SHEET

Jena Bioscience

Picolyl-Azide-Sulfo-Cy3

Abs/Em = 555/565 nm

Cat. No.	Amount
CLK-1178-1	1 mg
CLK-1178-5	5 x 1 mg
CLK-1178-25	25 mg



Structural formula of Picolyl-Azide-Sulfo-Cy3

For general laboratory use.

Shipping: shipped at ambient temperature

Storage Conditions: store at -20 °C

Shelf Life: 12 months after date of delivery

Molecular Formula: $C_{41}H_{50}N_8O_{11}S_3$ (free acid)

Molecular Weight: 927.08 g /mol (free acid)

Exact Mass: 926.28 g /mol (free acid)

Purity: ≥ 90 % (HPLC)

Form: solid

Color: red

Solubility: DMSO, DMF, water, MeOH

Spectroscopic Properties: λ_{exc} 555 nm, λ_{em} 565 nm, ε 155.0 L $mmol^{-1}$ cm^{-1}

Selected References:

Jiang *et al.* (2014) Monitoring Dynamic Glycosylation in Vivo Using Supersensitive Click Chemistry. *Bioconjug. Chem.* **25 (4)**:698.

Uttamapinant *et al.* (2012) Fast, cell-compatible click chemistry with copper-chelating azides for biomolecular labeling. *Angew. Chem. Int. Ed. Engl.* **51 (24)**:5852.