

Product Data Sheet

Product Name: Sulfo-Cyanine5 carboxylic acid

Cat. No.: GC59226

Chemical Properties

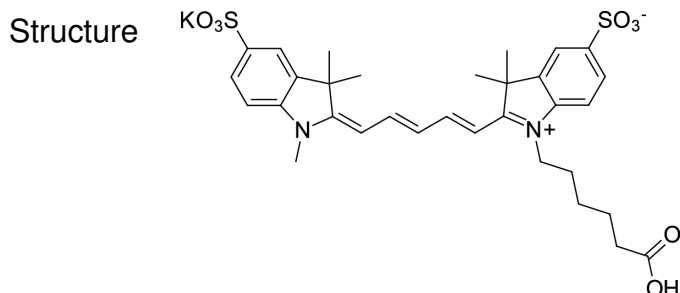
Cas. No. 1144107-82-3 (potassium salt), 1121756-16-8 (inner salt), 2098639-31-5 (sodium salt)

Formula $C_{32}H_{37}N_2KO_8S_2$ M.Wt 680,87

Solubility Well soluble in water, DMF, DMSO (0.35 M = 240 g/L). Practically insoluble in non-polar organic solvents. Storage Store at -20°C, protect from light

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.



Background

Non-activated sulfo-Cyanine5 carboxylic acid, water soluble dye. This dye is highly hydrophilic and water-soluble. Non-sulfonated analog is [available](#).

The fluorophore is an equivalent of Cy5® carboxylic acid.

For labeling applications consider using pre-activated [sulfo-Cy5 NHS ester](#)

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

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