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## Product Data Sheet

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Product Name: Cyanine3.5 carboxylic acid

Cat. No.: GC13420

### Chemical Properties

Cas. No.

Chemical Name 3-(5-carboxypentyl)-1,1-dimethyl-2-((1E,3E)-3-(1,1,3-trimethyl-1H-benzo[e]indol-2(3H)-ylidene)prop-1-en-1-yl)-1H-benzo[e]indol-3-ium chloride

SMILES CN1C2=CC=C3C=CC=CC3=C2C(C)(C)/C1=C\C=C\C4=[N+](CCCCC(O)=O)C5=CC=C(C=CC=C6)C6=C5C4(C)C.[Cl-]

Formula C<sub>38</sub>H<sub>41</sub>ClN<sub>2</sub>O<sub>2</sub> M.Wt 593.2

Solubility ≥ 59.3mg/mL in DMSO, ≥ 47.4 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

### Background

Cyanine3.5 carboxylic acid is an orange emitting dye used as a non-reactive reference dye or control. Cyanine3.5 is an analog of Cy3.5® fluorophore. Cyanine3.5 free unactivated monofunctional carboxylic acid.

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

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