

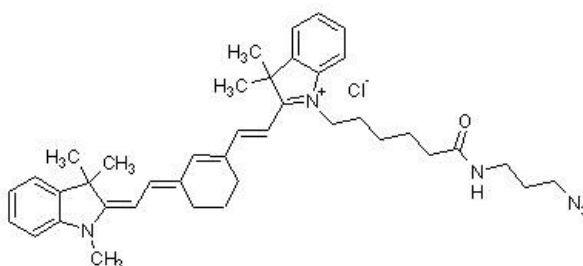
Product datasheet

Cyanine7 azide, NIR emitting fluorescent dye azide
ab146474

1 Image

Overview

| | |
|-------------------------------|---|
| Product name | Cyanine7 azide, NIR emitting fluorescent dye azide |
| Description | NIR emitting fluorescent dye azide for click chemistry. |
| Biological description | Near-infrared (NIR) emitting fluorescent dye azide for click chemistry. Analog of Cy7 [®] azide. Used for the incorporation of Cyanine7 into various alkynylated biomolecules via click chemistry. |
| Purity | > 95% |
| Chemical structure | |



Properties

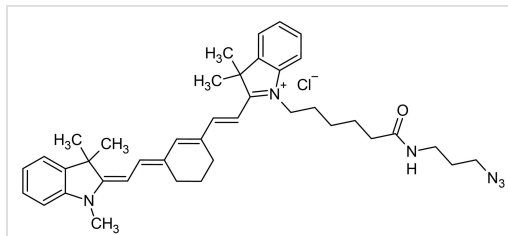
| | |
|-----------------------------|--|
| Excitation | 750nm |
| Emission | 773nm |
| Chemical name | 1-(5-Carboxypentyl)-3,3-dimethyl-2-[(E)-2-[(E)-3-((E)-2-(1,3,3-trimethylindolin-2-ylidene)ethylidene)cyclohex-1-enyl]vinyl]-3H-indolium chloride |
| Molecular weight | 667.33 |
| Molecular formula | C ₄₀ H ₅₁ ClN ₆ O |
| Storage instructions | Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions. |
| Solubility overview | Soluble in DMSO and slightly soluble in water |
| Handling | Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. |

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

Source

Synthetic

Images



2D chemical structure image of ab146474, Cyanine7 azide, NIR emitting fluorescent dye azide

Chemical Structure - Cyanine7 azide, NIR emitting fluorescent dye azide (ab146474)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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