



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

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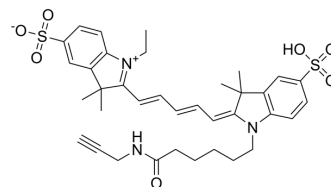
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CY5-YNE

| | |
|--------------------|--|
| Cat. No.: | HY-D0820 |
| CAS No.: | 1345823-20-2 |
| Molecular Formula: | C ₃₆ H ₄₃ N ₃ O ₇ S ₂ |
| Molecular Weight: | 693.87 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 43 mg/mL (61.97 mM)
* "≥" means soluble, but saturation unknown.

| Preparing Stock Solutions | Solvent Concentration | Mass | 1 mg | 5 mg | 10 mg |
|---------------------------|--------------------------|---------------|-----------|-----------|------------|
| | | Concentration | 1 mg | 5 mg | 10 mg |
| | 1 mM | | 1.4412 mL | 7.2060 mL | 14.4119 mL |
| | 5 mM | | 0.2882 mL | 1.4412 mL | 2.8824 mL |
| | 10 mM | | 0.1441 mL | 0.7206 mL | 1.4412 mL |

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

CY5-YNE (Sulfo-Cyanine5-alkyne) is a reactive dye for the labeling of amino-groups in peptides, proteins, and oligonucleotides. CY5-YNE is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

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

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