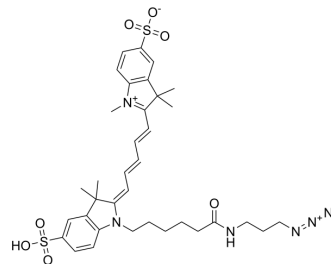


Sulfo-Cy5-N3

| | |
|--------------------|--|
| Cat. No.: | HY-W400925 |
| CAS No.: | 1481447-40-8 |
| Molecular Formula: | C ₃₅ H ₄₄ N ₆ O ₇ S ₂ |
| Molecular Weight: | 724.89 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | -20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (172.44 mM; Need ultrasonic)

| Solvent | Mass | Concentration | | |
|---------------------------|-------|---------------|-----------|------------|
| | | 1 mg | 5 mg | 10 mg |
| Preparing Stock Solutions | 1 mM | 1.3795 mL | 6.8976 mL | 13.7952 mL |
| | 5 mM | 0.2759 mL | 1.3795 mL | 2.7590 mL |
| | 10 mM | 0.1380 mL | 0.6898 mL | 1.3795 mL |

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

BIOLOGICAL ACTIVITY

Description

Sulfo-Cy5-N3 is a click chemistry reagent containing an azide group. Cy5 is a red fluorescent label dye for imaging (Ex/Em=642/670 nm)^[1].

REFERENCES

[1]. An F, et al. Small ultra-red fluorescent protein nanoparticles as exogenous probes for noninvasive tumor imaging in vivo. *Int J Biol Macromol.* 2020 Jun 15;153:100-106.

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

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