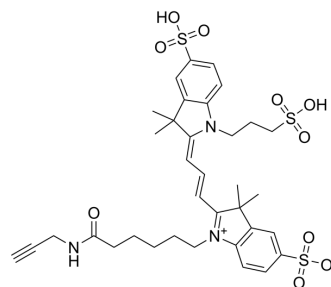


Trisulfo-Cy3-Alkyne

Cat. No.:	HY-151728
CAS No.:	1895849-34-9
Molecular Formula:	C ₃₅ H ₄₃ N ₃ O ₁₀ S ₃
Molecular Weight:	761.93
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Trisulfo-Cy3-Alkyne is a water soluble cyanine linker containing an alkyne group, which enables Click Chemistry to attach trisulfo-Cy3 to various azide-bearing molecules. Trisulfo-Cyanine3 is a fluorophore which is compatible with a wide range of fluorescent scanners, imagers, microscopes, etc. It is a bright and photostable dye and can be easily detected in gels by naked eye in low amounts (nmol). Reagent grade, for research use only^[1]. Trisulfo-Cy3-Alkyne is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Gao L, et al. Legionella effector SetA as a general O-glucosyltransferase for eukaryotic proteins. Nat Chem Biol. 2019 Mar;15(3):213-216.

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

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