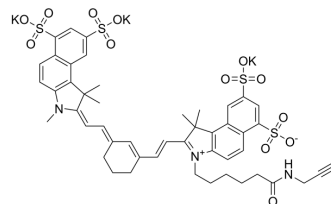


Sulfo-Cy7.5 alkyne

Cat. No.:	HY-D1859
Molecular Formula:	C ₄₈ H ₄₈ K ₃ N ₃ O ₁₃ S ₄
Molecular Weight:	1120.46
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfo-Cy7.5 alkyne is a dye derivative of Cyanine 7.5 (Cy7.5) (HY-D0926) containing a sulfonate ion and an alkyne functional group. The sulfonate ion increases the water solubility of the compound, making it suitable for use in aqueous solutions. Cy7.5 is a near-infrared fluorescent dye commonly used for biolabeling and cell imaging. The alkyne functionality of Sulfo-Cy7.5 alkyne can react with molecules containing the azide functionality to form covalent bonds. Sulfo-Cy7.5 alkyne can bind to biomolecules such as proteins and antibodies to track their location and dynamic changes in biological samples.

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

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