

Sulfo-Cy7.5 alkyne

Chemical Properties

CAS No. :

Formula: C48H48K3N3O13S4

Molecular Weight:

Keep away from direct sunlight

Storage:

Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Sulfo-Cy7.5 alkyne is a derivative of Cyanine 7.5 (Cy7.5) that incorporates sulfonate ions and an alkyne functional group. The sulfonate ions enhance the compound's solubility in water, making it ideal for aqueous solutions. As a near-infrared fluorescent dye, Cy7.5 is widely used for biological labeling and cellular imaging. The alkyne group of Sulfo-Cy7.5 alkyne can react covalently with molecules containing azide groups. This allows Sulfo-Cy7.5 alkyne to bind with biomolecules such as proteins and antibodies, facilitating the tracking of their position and dynamic changes within biological samples.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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