

Sulfo-Cy3-PEG3-biotin potassium

Chemical Properties

CAS No. :

Formula: C46H63KN6O11S3

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-Cy3-PEG3-biotin potassium is a biotin-modified derivative of the Cy3 (Cyanine3) dye, featuring a TCO group. This TCO group can undergo a highly specific click chemistry reaction with tetrazine functional groups to form covalent bonds. Consequently, Sulfo-Cy3-PEG3-biotin potassium can be covalently linked to various biomolecules (particularly antibodies and proteins), facilitating their location and dynamic monitoring in biological samples. Additionally, due to its biotin labeling, it is commonly employed in affinity chromatography experiments, such as immunoprecipitation.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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