

Sulfo-Cy3-PEG2-TCO disodium

Chemical Properties

CAS No. :

Formula: C47H64N4Na2O14S3

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-PEG2-TCO disodium is a derivative of the Cy3 (Cyanine3) dye, incorporating sulfonate and TCO groups. The TCO group in Sulfo-Cy3-PEG2-TCO disodium undergoes a highly specific click chemistry reaction with tetrazine functional groups, resulting in covalent bonding. This allows Sulfo-Cy3-PEG2-TCO disodium to be covalently attached to certain biomolecules (particularly antibodies, proteins, etc.), enabling the tracking of their localization and dynamic changes within biological samples.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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