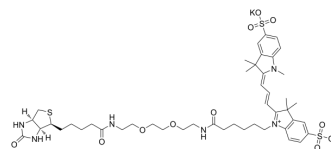


Sulfo-Cy3-PEG3-biotin potassium

Cat. No.:	HY-D1870
Molecular Formula:	C ₄₆ H ₆₃ KN ₆ O ₁₁ S ₃
Molecular Weight:	1011.32
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfo-Cy3-PEG3-biotin potassium is a biotin-modified derivative of Cy3 (Cyanine3) (HY-D0822) dye containing a TCO group. The TCO group of Sulfo-Cy3-PEG3-biotin potassium reacts with the tetrazine functional group in highly specific click chemistry to form a covalent bond. Thus, Sulfo-Cy3-PEG3-biotin potassium can be covalently bound to some biomolecules (especially antibodies, proteins, etc.) to track their location and dynamic changes in biological samples. And because it is labeled with biotin, it is often used in affinity chromatography experiments, such as immunoprecipitation.

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

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