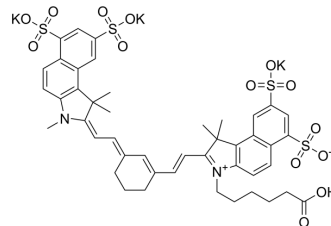


Sulfo-Cy7.5 carboxylic acid

Cat. No.:	HY-D1866
CAS No.:	2760599-02-6
Molecular Formula:	C ₄₅ H ₄₅ K ₃ N ₂ O ₁₄ S ₄
Molecular Weight:	1083.4
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 carboxylic acid is a dye derivative of Cyanine 7.5 (Cy7.5) (HY-D0926) with carboxylic acid and sulfonate ion (sulfonate) functional groups. 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 in biomedical research areas such as biomarkers and cell imaging. Sulfo-Cy7.5 carboxylic acid can be covalently bound to some biomolecules (especially antibodies, proteins, etc.) 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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