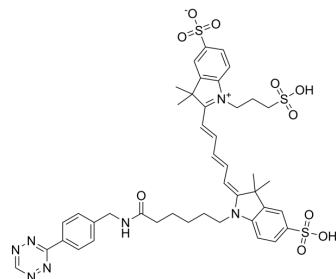


Sulfo-Cy5-tetrazine

Cat. No.:	HY-D1482
CAS No.:	1801695-57-7
Molecular Formula:	C ₄₃ H ₄₉ N ₇ O ₁₀ S ₃
Molecular Weight:	920.09
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cy5 Tetrazine is a water-soluble, pH-insensitive from pH 4 to pH 10, far-red-fluorescent probe with excitation ideally suited for the 633 nm or 647 nm laser lines. Its absorption and emission spectra are almost identical to those of Alexa Fluor 647, CF 647 Dye, or any other Cyanine5 based fluorescent dyes. Sulfo-Cy5-tetrazine is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing TCO groups.

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

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