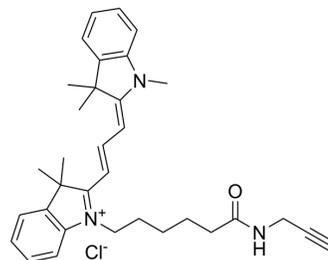


Cy3 alkyne chloride

Cat. No.:	HY-D1860
Molecular Formula:	C ₃₃ H ₄₀ ClN ₃ O
Molecular Weight:	530.14
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cy3 alkyne chloride is a dye derivative of Cyanine 3 (Cy3) (HY-D0822) containing a sulfonate ion and an alkyne functional group. Cy3 is a fluorescent dye with a fluorescence spectrum typically in the green to orange wavelength range. The alkyne functional group of Cy3 alkyne chloride can react with molecules containing the azide functional group to form covalent bonds. Cy3 alkyne chloride can bind to biological molecules such as proteins and antibodies 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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