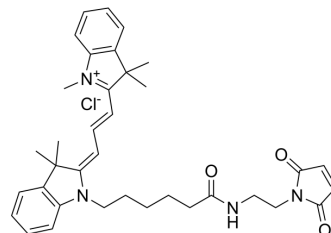


Cy3 maleimide chloride

Cat. No.:	HY-D1871
CAS No.:	1838643-41-6
Molecular Formula:	C ₃₆ H ₄₃ ClN ₄ O ₃
Molecular Weight:	615.2
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cy3 maleimide chloride is a dye derivative of Cyanine 3 (Cy3) (HY-D0822) containing maleimide functional groups. Cy3 is a fluorescent dye with a fluorescence spectrum typically in the green to orange wavelength range. The alkyne functional group of Cy3 maleimide chloride can undergo a "thiol-acrylamide" reaction with molecules containing sulfur-oxygen functional groups to form covalent bonds. Cy3 maleimide 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA