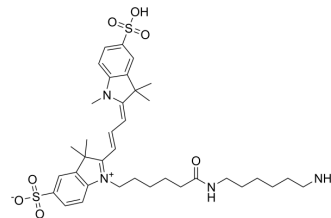


Sulfo-Cy3 amine

Cat. No.:	HY-D1272
CAS No.:	2183440-43-7
Molecular Formula:	C ₃₆ H ₅₀ N ₄ O ₇ S ₂
Molecular Weight:	714.93
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfo-Cy3 amine is a dye derivative of Cyanine 3 (Cy3) (HY-D0822) bearing an amine group. The sulfonate ion increases the water solubility of the compound, making it suitable for use in aqueous solutions. Cy3 is a fluorescent dye with a fluorescence spectrum typically in the green to orange wavelength range. The amine functionality of Sulfo-Cy3 amine can react with carboxyl groups to form covalent bonds. Sulfo-Cy3 amine 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