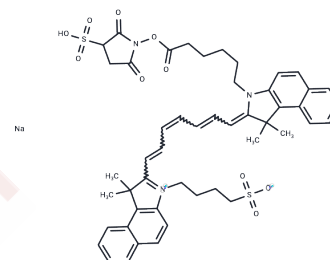


ICG-Sulfo-OSu sodium

Chemical Properties

CAS No. :	190714-28-4
Formula:	C49H53N3NaO10S2
Molecular Weight:	931.08
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	ICG-Sulfo-OSu sodium is a PEG-based linker for PROTACs, facilitating the conjugation of two essential ligands crucial for PROTAC molecule formation, enabling selective protein degradation via the ubiquitin-proteasome system [in cells].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, comprising two distinct ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the specified protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.074 mL	5.3701 mL	10.7402 mL
5 mM	0.2148 mL	1.074 mL	2.148 mL
10 mM	0.1074 mL	0.537 mL	1.074 mL
50 mM	0.0215 mL	0.1074 mL	0.2148 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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