Product Data Sheet

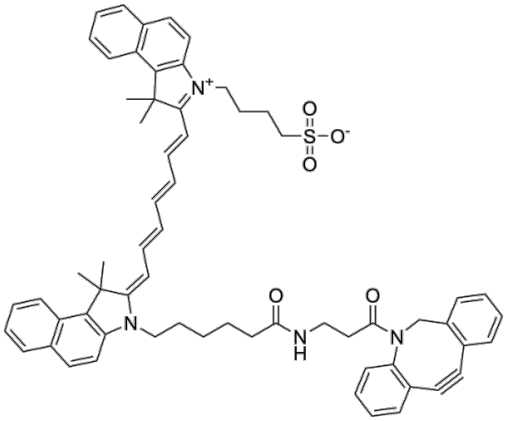
Product Name: ICG-DBCO
Cat. No.: GC72688

Chemical Properties

Cas. No.

Formula	$C_{63}H_{64}N_4O_5S$	M.Wt	989.27
Solubility	DMSO : 50 mg/mL (50.54 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)	Storage	4°C, protect from light
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

ICG-DBCO is a near-infrared fluorescent dye that is widely used in cell dyes, biological dyes, biomolecules and particle fluorescent labeling.Ex/Em = 789/813 nm

References:

Caution: Product has not been fully validated for medical applications. For research use only.
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[1]. Lu Lu, et al. Polymer chimera of stapled oncolytic peptide coupled with anti-PD-L1 peptide boosts immunotherapy of colorectal cancer. Theranostics. 2022; 12(7): 3456–3473.

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