

IRDye 800CW, DBCO

## Chemical Properties

CAS No. : 1373928-39-2

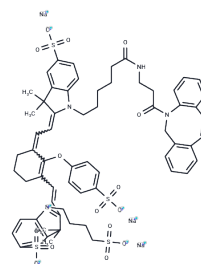
Formula: C<sub>64</sub>H<sub>65</sub>N<sub>4</sub>Na<sub>3</sub>O<sub>15</sub>S<sub>4</sub>

Molecular Weight: 1327.45

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	IRDye 800CW, DBCO is a near-infrared (NIR) fluorescent dye equipped with a DBCO reactive group designed for conjugation. This DBCO group facilitates copper-free click chemistry by reacting with azide-tagged molecules or biomolecules.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7533 mL	3.7666 mL	7.5332 mL
5 mM	0.1507 mL	0.7533 mL	1.5066 mL
10 mM	0.0753 mL	0.3767 mL	0.7533 mL
50 mM	0.0151 mL	0.0753 mL	0.1507 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481