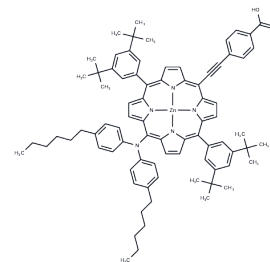


YD2

## Chemical Properties

CAS No. :	1201915-91-4
Formula:	C <sub>81</sub> H <sub>89</sub> N <sub>5</sub> O <sub>2</sub> Zn
Molecular Weight:	1230.02
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	YD2 is a porphyrin sensitizer. YD2 is a useful material for making solar cell. Cosensitization of YD2-o-C8 with another organic dye enhances the performance of the device, leading to a measured power conversion efficiency of 12.3% under simulated air mass 1.5 global sunlight.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.813 mL	4.065 mL	8.1299 mL
5 mM	0.1626 mL	0.813 mL	1.626 mL
10 mM	0.0813 mL	0.4065 mL	0.813 mL
50 mM	0.0163 mL	0.0813 mL	0.1626 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.

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