

## MeCY5-NHS ester potassium

## Chemical Properties

CAS No. :	2230212-27-6
Formula:	C36H41KN3O10S2
Molecular Weight:	778.95
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	MeCY5-NHS ester (potassium) is a reactive dye intended for the labeling of proteins and nucleic acids.
Targets(IC50)	Others, Autophagy

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2838 mL	6.4189 mL	12.8378 mL
5 mM	0.2568 mL	1.2838 mL	2.5676 mL
10 mM	0.1284 mL	0.6419 mL	1.2838 mL
50 mM	0.0257 mL	0.1284 mL	0.2568 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

Shukla S, Wang C, Beiss V, Steinmetz NF. Antibody Response against Cowpea Mosaic Viral Nanoparticles Improves In Situ Vaccine Efficacy in Ovarian Cancer. ACS Nano. 2020;14(3):2994-3003.

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