

Cy5.5-N3

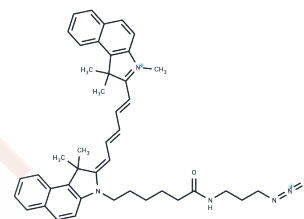
## Chemical Properties

CAS No. :

Formula: C<sub>43</sub>H<sub>49</sub>ClN<sub>6</sub>O

Molecular Weight: 701.342

Storage: Keep away from direct sunlight  
 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	Cy5.5-N3, a Cy5.5-azide, is a fluorescent dye employed in cell imaging through click chemistry. It contains an azide group that can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups. Additionally, it participates in strain-promoted azide-alkyne cycloaddition (SPAAC) with molecules possessing DBCO or BCN groups.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4258 mL	7.1292 mL	14.2584 mL
5 mM	0.2852 mL	1.4258 mL	2.8517 mL
10 mM	0.1426 mL	0.7129 mL	1.4258 mL
50 mM	0.0285 mL	0.1426 mL	0.2852 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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