

## NBD-Fructose

## Chemical Properties

CAS No. : 940961-04-6

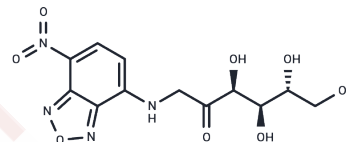
Formula: C<sub>12</sub>H<sub>14</sub>N<sub>4</sub>O<sub>8</sub>

Molecular Weight: 342.262

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	NBD-Fructose is a fluorescent derivative of fructose, formed by coupling NBD chloride with the amino group of aminofructose (EX/Em=472/538 nm).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9218 mL	14.6088 mL	29.2176 mL
5 mM	0.5844 mL	2.9218 mL	5.8435 mL
10 mM	0.2922 mL	1.4609 mL	2.9218 mL
50 mM	0.0584 mL	0.2922 mL	0.5844 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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