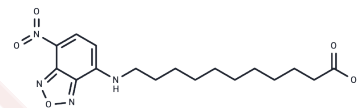


## NBD-undecanoic acid

## Chemical Properties

CAS No. :	351002-77-2
Formula:	C17H24N4O5
Molecular Weight:	364.4
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-undecanoic acid, a multifunctional dye, serves as an essential tool in various biological experiments. It enables researchers to observe and analyze cell structures, track biomolecules, and evaluate cell functions. Additionally, this dye aids in distinguishing cell types, detecting biomolecules, studying tissue pathology, and monitoring microorganisms. Its applications are extensive, encompassing not only basic scientific research and clinical diagnostics but also traditional sectors like textile dyeing. Moreover, NBD-undecanoic acid finds use in emerging areas including functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7442 mL	13.7212 mL	27.4424 mL
5 mM	0.5488 mL	2.7442 mL	5.4885 mL
10 mM	0.2744 mL	1.3721 mL	2.7442 mL
50 mM	0.0549 mL	0.2744 mL	0.5488 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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