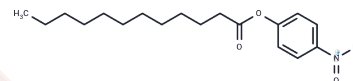


## 4-Nitrophenyl dodecanoate

## Chemical Properties

CAS No. :	1956-11-2
Formula:	C <sub>18</sub> H <sub>27</sub> NO <sub>4</sub>
Molecular Weight:	321.41
Storage:	Keep away from moisture 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	4-Nitrophenyl dodecanoate (p-Nitrophenyl laurate) is a substrate for lipase and can be used to assess lipase activity.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1113 mL	15.5565 mL	31.1129 mL
5 mM	0.6223 mL	3.1113 mL	6.2226 mL
10 mM	0.3111 mL	1.5556 mL	3.1113 mL
50 mM	0.0622 mL	0.3111 mL	0.6223 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

Amanda Waglay, et al. Potato protein isolates: recovery and characterization of their properties. Food Chem. 2014 Jan 1;142:373-82.

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