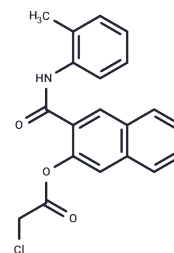


## Naphthol AS-D chloroacetate

## Chemical Properties

CAS No. :	35245-26-2
Formula:	C <sub>20</sub> H <sub>16</sub> ClNO <sub>3</sub>
Molecular Weight:	353.8
Storage:	Keep away from moisture, Store at low temperature 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	Naphthol AS-D chloroacetate can be hydrolysed by esterase into Naphthol AS-D, enabling specific esterase staining.
Targets(IC50)	Lipid

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8265 mL	14.1323 mL	28.2646 mL
5 mM	0.5653 mL	2.8265 mL	5.6529 mL
10 mM	0.2826 mL	1.4132 mL	2.8265 mL
50 mM	0.0565 mL	0.2826 mL	0.5653 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

Maekawa H, et al. Mitochondrial Damage Causes Inflammation via cGAS-STING Signaling in Acute Kidney Injury. Cell Rep. 2019 Oct 29;29(5):1261-1273.e6.

Arciniega-Martínez IM, et al. Muscarinic receptors control markers of inflammation in the small intestine of BALB/c mice. J Neuroimmunol. 2022 Jan 15;362:577764.

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