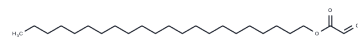


## Docosyl Acrylate

## Chemical Properties

CAS No. :	18299-85-9
Formula:	C <sub>25</sub> H <sub>48</sub> O <sub>2</sub>
Molecular Weight:	380.65
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Docosyl Acrylate (Docosyl Acrylate (stabilized with MEHQ)) can be used to synthesize hydrogels.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6271 mL	13.1354 mL	26.2709 mL
5 mM	0.5254 mL	2.6271 mL	5.2542 mL
10 mM	0.2627 mL	1.3135 mL	2.6271 mL
50 mM	0.0525 mL	0.2627 mL	0.5254 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

- Olukman Şahin, M., et al. Hydrophobically Associated Poly(acrylamide/octadecyl acrylate)-Carboxymethyl Cellulose Hydrogels: Synthesis, Characterization, and Shape Memory Ability. *J Polym Environ* 31, 3650-3663 (2023).
- Kim, T., et al. Synthesis of non-fluorinated paraffinic water repellents and application properties on textile fabrics. *Fibers Polym* 18, 285-289 (2017).

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