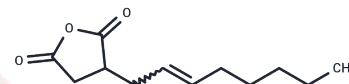


## 2-Octenylsuccinic Anhydride

## Chemical Properties

CAS No. :	42482-06-4
Formula:	C <sub>12</sub> H <sub>18</sub> O <sub>3</sub>
Molecular Weight:	210.27
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	2-Octenylsuccinic Anhydride (2-OSA) is a starch-modifying compound that alters the properties of starch molecules by changing their surface structure.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7558 mL	23.779 mL	47.5579 mL
5 mM	0.9512 mL	4.7558 mL	9.5116 mL
10 mM	0.4756 mL	2.3779 mL	4.7558 mL
50 mM	0.0951 mL	0.4756 mL	0.9512 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

Zhong LX, et al. Long-chain anhydride modification: a new strategy for preparing xylan films. J Agric Food Chem. 2013 Jan 23;61(3):655-61.

Sui Z, et al. Effects of the order of addition of reagents and alkali on modification of wheat starches. Carbohydr Polym. 2015 Jul 10;125:180-8.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481