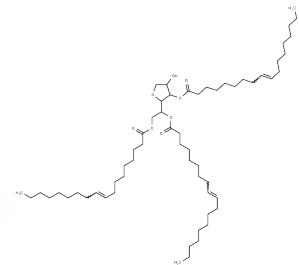


## Span-85

## Chemical Properties

CAS No. :	26266-58-0
Formula:	C60H108O8
Molecular Weight:	957.49
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Span-85 (Sorbitan trioleate) is a synthetic non-ionic emulsifier, which is prepared by partial esterification of sorbitol or sorbitan with food grade palmitic acid. It has low viscosity and the smallest HLB value, so it has the strongest lipophilicity. It is an excellent water-in-oil (w/o) emulsifier and an O/w type auxiliary emulsifier.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (52.22 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0444 mL	5.222 mL	10.444 mL
5 mM	0.2089 mL	1.0444 mL	2.0888 mL
10 mM	0.1044 mL	0.5222 mL	1.0444 mL
50 mM	0.0209 mL	0.1044 mL	0.2089 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

Tagliabue A, Rappuoli R. Vaccine adjuvants: the dream becomes real. Hum Vaccin. 2008 Sep-Oct;4(5):347-9.

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