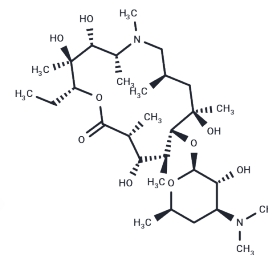


## Descladinose azithromycin

## Chemical Properties

CAS No. :	117693-41-1
Formula:	C30H58N2O9
Molecular Weight:	590.79
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Descladinose azithromycin is a major metabolite of azithromycin. It has lower antibacterial activity but is valuable in immunomodulatory research and as a synthetic intermediate for ketolides.
Targets(IC50)	Antibacterial

## Solubility Information

Solubility	Ethanol: 2.5 mg/mL (4.23 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	1.6926 mL	8.4632 mL	16.9265 mL
5 mM	0.3385 mL	1.6926 mL	3.3853 mL
10 mM	0.1693 mL	0.8463 mL	1.6926 mL
50 mM	0.0339 mL	0.1693 mL	0.3385 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

Howard BM, et, al. Carbazole derivatives and their use as neuropeptide Y5 receptor ligands. WO2001007409.

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