

## Ammocidin

## Chemical Properties

CAS No. :	376590-20-4
Formula:	C59H96O22
Molecular Weight:	1157.38
Storage:	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	Ammocidin is an apoptosis inducer in Ras-dependent cells. It triggers apoptosis in Ras-dependent Ba/F3-V12 cells with an IC50 of 66 ng/mL. Additionally, Ammocidin significantly reduces the phosphorylation levels of MAPK and S6K, which mediate the anti-apoptotic functions of Ras.
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.864 mL	4.3201 mL	8.6402 mL
5 mM	0.1728 mL	0.864 mL	1.728 mL
10 mM	0.0864 mL	0.432 mL	0.864 mL
50 mM	0.0173 mL	0.0864 mL	0.1728 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.

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