Data Sheet (Cat.No.T15357)



Fumonisin B2

Chemical Properties				
CAS No. :	116355-84-1			
Formula:	C34H59N014 " 🍾 " 🛒			
Molecular Weight:	705.83			
Appearance:	no data available			
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year			

Biological Description	e
Description	Fumonisin B2 is a mycotoxin produced by Fusarium moniliforme in various grains. It also is a potent inhibitor of sphingosine N-acyltransferase (ceramide synthase). Which disrupts de novo sphingolipid biosynthesis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4168 mL	7.0839 mL	14.1677 mL
5 mM	0.2834 mL	1.4168 mL	2.8335 mL
10 mM	0.1417 mL	0.7084 mL	1.4168 mL
50 mM	0.0283 mL	0.1417 mL	0.2834 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.

Reference

Henry MH, et al. The toxicity of fumonisin B1, B2, and B3, individually and in combination, in chicken embryos. Poult Sci. 2001 Apr;80(4):401-7.

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