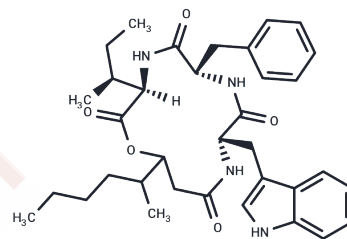


Beauverolide Ja

Chemical Properties

CAS No. :	76265-41-3
Formula:	C35H46N4O5
Molecular Weight:	602.76
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	Beauverolide Ja, a cyclotetradepsipeptide and secondary metabolite of <i>Isaria fumosorosea</i> [1], functions as a potent inhibitor of calmodulin (CaM), exhibiting a dissociation constant (Kd) of 0.078 μ M and an inhibition constant (Ki) of 0.39 μ M for Ca ²⁺ -CaM.
Targets(IC50)	CaMK,Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.659 mL	8.2952 mL	16.5904 mL
5 mM	0.3318 mL	1.659 mL	3.3181 mL
10 mM	0.1659 mL	0.8295 mL	1.659 mL
50 mM	0.0332 mL	0.1659 mL	0.3318 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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