

Apicidin C

Chemical Properties

CAS No. :	366448-28-4
Formula:	C ₃₃ H ₄₇ N ₅ O ₆
Molecular Weight:	609.77
Storage:	Keep away from moisture 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	Apicidin C (Compound 5a) is a cyclic tetrapeptide with reversible inhibition of HDAC, exhibiting antiprotozoal and antimalarial effects. It has an IC ₅₀ of 6 nM against Eimeria tenella and is applicable in malaria infection research.
Targets(IC ₅₀)	HDAC,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.640 mL	8.1998 mL	16.3996 mL
5 mM	0.328 mL	1.640 mL	3.2799 mL
10 mM	0.164 mL	0.820 mL	1.640 mL
50 mM	0.0328 mL	0.164 mL	0.328 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

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