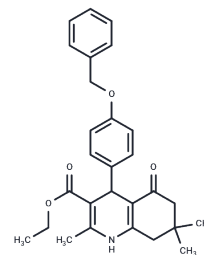


Antitoxoplasmal agent-1

Chemical Properties

CAS No. : 294197-66-3
 Formula: C₂₈H₃₁N₃O₄
 Molecular Weight: 445.55
 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	Antitoxoplasmal agent-1 (Compound 4) is an antiparasitic agent with significant activity and selectivity against <i>T. gondii</i> , exhibiting an IC ₅₀ of 3.1 μM. It also demonstrates activity against <i>L. major</i> promastigotes with an EC ₅₀ of 23.3 μM. This compound is applicable for research into parasitic diseases.
Targets(IC ₅₀)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2444 mL	11.2221 mL	22.4442 mL
5 mM	0.4489 mL	2.2444 mL	4.4888 mL
10 mM	0.2244 mL	1.1222 mL	2.2444 mL
50 mM	0.0449 mL	0.2244 mL	0.4489 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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