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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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WR99210

Chemical Properties

CAS No. : 47326-86-3

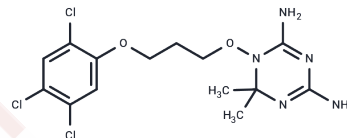
Formula: C₁₄H₁₈Cl₃N₅O₂

Molecular Weight: 394.68

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	WR99210 (BRL 6231 free base) is an orally available dihydrofolate reductase (DHFR) inhibitor with antiparasitic activity, often used in combination with dapsone to study Mycobacterium avium complex (MAC).
Targets(IC50)	DHFR,Parasite
In vitro	WR99210 (0-100 nM; 92 h) showed significant inhibition of tachyzoites of T. gondii in tissue culture. [1] WR99210 (0-100 nM; 92 h) shows low cytotoxicity to human foreskin fibroblasts. [1]
In vivo	In a mouse model, WR99210 (1.25 mg/kg; intraperitoneal injection; once daily for 5 consecutive days) exhibited a significant inhibitory effect on T. gondii tachyzoites. [1]

Solubility Information

Solubility	DMSO: 2 mg/mL(5.07 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5337 mL	12.6685 mL	25.337 mL
5 mM	0.5067 mL	2.5337 mL	5.0674 mL
10 mM	0.2534 mL	1.2668 mL	2.5337 mL
50 mM	0.0507 mL	0.2534 mL	0.5067 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

Mui EJ, et al. Triazine Inhibits *Toxoplasma gondii* tachyzoites in vitro and in vivo. *Antimicrob Agents Chemother*. 2005 Aug;49(8):3463-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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