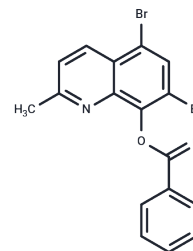


Broxaldine

Chemical Properties

CAS No. :	3684-46-6
Formula:	C ₁₇ H ₁₁ Br ₂ NO ₂
Molecular Weight:	421.08
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Broxaldine (Brobenzoxaldine) is a small molecular drug with antiprotozoal activity.
Targets(IC50)	Antibacterial,Antibiotic,Parasite,Antifungal
In vitro	Broxaldine (Brobenzoxaldine), an FDA-approved antiprotozoal drug, effectively treats protozoan infections.

Solubility Information

Solubility	DMSO: 27.5 mg/mL (65.31 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	2.3748 mL	11.8742 mL	23.7485 mL
5 mM	0.475 mL	2.3748 mL	4.7497 mL
10 mM	0.2375 mL	1.1874 mL	2.3748 mL
50 mM	0.0475 mL	0.2375 mL	0.475 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

Swain, R., Bapna, J., Das, A., Chandrasekar, S., Swaminathan, R., & Bosco, B. et al. (1986). A Study on the Neurotoxicity of Broxyquinoline and Brobenzoxaldine Combination in Therapeutic Doses. Human Toxicology, 5(1), 35-41. doi: 10.1177/096032718600500107

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