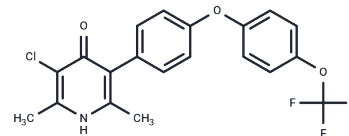


GW844520

Chemical Properties

CAS No. : 137735-25-2
Formula: C₂₀H₁₅ClF₃NO₃
Molecular Weight: 409.79
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	GW844520 is a potent and selective inhibitor of the cytochrome bc1 complex of mitochondrial electron transport in <i>P. falciparum</i> .
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4403 mL	12.2014 mL	24.4027 mL
5 mM	0.4881 mL	2.4403 mL	4.8805 mL
10 mM	0.244 mL	1.2201 mL	2.4403 mL
50 mM	0.0488 mL	0.244 mL	0.4881 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

Capper MJ, O'Neill PM, Fisher N, Strange RW, Moss D, Ward SA, Berry NG, Lawrenson AS, Hasnain SS, Biagini GA, Antonyuk SV. Antimalarial 4(1H)-pyridones bind to the Qi site of cytochrome bc1. Proc Natl Acad Sci U S A. 2015 Jan

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