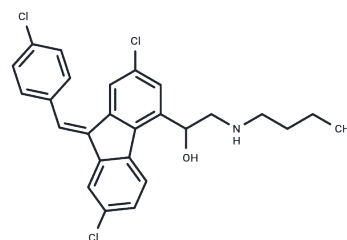


Desbutyl Lumefantrine

Chemical Properties

CAS No. : 355841-11-1
Formula: C₂₆H₂₄Cl₃NO
Molecular Weight: 472.83
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Desbutyl Lumefantrine is a metabolite of lumefantrine with antimalarial activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1149 mL	10.5746 mL	21.1493 mL
5 mM	0.423 mL	2.1149 mL	4.2299 mL
10 mM	0.2115 mL	1.0575 mL	2.1149 mL
50 mM	0.0423 mL	0.2115 mL	0.423 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

Wong RP, et al. Desbutyl-lumefantrine is a metabolite of lumefantrine with potent in vitro antimalarial activity that may influence artemether-lumefantrine treatment outcome. Antimicrob Agents Chemother. 2011 Mar;55(3):1194-

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