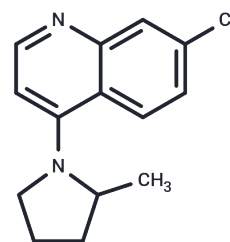


Hydroxychloroquine Impurity F

Chemical Properties

CAS No. : 6281-58-9
Formula: C₁₄H₁₅ClN₂
Molecular Weight: 246.74
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Hydroxychloroquine Impurity F, an impurity in Hydroxychloroquine, is identified in the synthetic antimalarial agent known for its capability to inhibit Toll-like receptor 7/9 (TLR7/9) signaling. Additionally, Hydroxychloroquine demonstrates effective inhibition of SARS-CoV-2 infection in vitro [1] [2] [3].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0528 mL	20.2642 mL	40.5285 mL
5 mM	0.8106 mL	4.0528 mL	8.1057 mL
10 mM	0.4053 mL	2.0264 mL	4.0528 mL
50 mM	0.0811 mL	0.4053 mL	0.8106 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481