Product Data Sheet

Product Name: Hydroxychloroquine Impurity F
Cat. No.: GC60918

Chemical Properties

Cas. No.	6281-58-9		
SMILES	CC1N(C2=CC=NC3=CC(Cl)=CC=C23)CCC1		
Formula	$C_{14}H_{15}ClN_2$	M.Wt	246.74
Solubility		Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

Hydroxychloroquine Impurity F □ Hydroxychloroquine □□□□Hydroxychloroquine □□□□□□□□ □□□□□□□□ Toll □□□ 7/9 (TLR7/9) □□□□□Hydroxychloroquine □□□□ SARS-CoV-2 □□[1][2][3]□

[1]. Manzo C, et al. Psychomotor Agitation Following Treatment with Hydroxychloroquine. Drug Saf Case Rep. 2017 Dec;4(1):6. [2]. Lamphier M, et al. Novel small molecule inhibitors of TLR7 and TLR9: mechanism of action and efficacy in vivo. Mol Pharmacol. 2014 Mar;85(3):429-40. [3]. Yao X, et al. In Vitro Antiviral Activity and Projection of Optimized Dosing Design of Hydroxychloroquine for the Treatment of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). Clin Infect Dis. 2020 Mar 9. pii: ciaa237.

Caution: Product has not been fully validated for medical applications. For research use only.
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