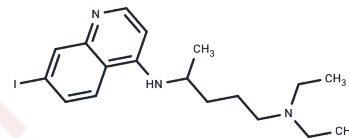


## Iodoquine

## Chemical Properties

CAS No. : 2007-00-3  
 Formula: C<sub>18</sub>H<sub>26</sub>IN<sub>3</sub>  
 Molecular Weight: 411.32  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



## Biological Description

Description	Iodoquine, a chloroquine analog, is characterized by high uptake in tumor cells, specifically targeting cells with elevated ALDH1 levels, such as cancer stem cells. Its low uptake in normal brain tissue makes it a potential candidate for tumor diagnosis or research as a radiotracer.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4312 mL	12.156 mL	24.312 mL
5 mM	0.4862 mL	2.4312 mL	4.8624 mL
10 mM	0.2431 mL	1.2156 mL	2.4312 mL
50 mM	0.0486 mL	0.2431 mL	0.4862 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481