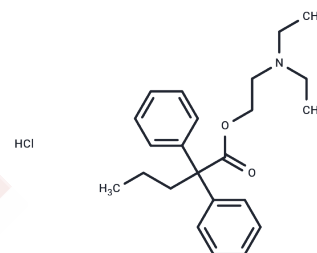


## Proadifen hydrochloride

## Chemical Properties

CAS No. :	62-68-0
Formula:	C <sub>23</sub> H <sub>32</sub> ClNO <sub>2</sub>
Molecular Weight:	389.96
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Proadifen hydrochloride (RP-5171) is an inhibitor of drug metabolism and cytochrome P-450 enzyme system activity.
Targets(IC50)	Cytochromes P450

## Solubility Information

Solubility	DMSO: 45 mg/mL (115.4 mM), Sonication is recommended. H <sub>2</sub> O: 197.4 mM, Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5644 mL	12.8218 mL	25.6437 mL
5 mM	0.5129 mL	2.5644 mL	5.1287 mL
10 mM	0.2564 mL	1.2822 mL	2.5644 mL
50 mM	0.0513 mL	0.2564 mL	0.5129 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

Viana AP, Osswald W. Arzneimittelforschung. 1970 Jun;20(6):851-3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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