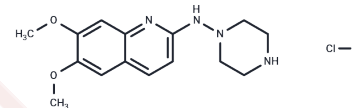


## 2-PADQZ hydrochloride

## Chemical Properties

CAS No. :	84050-22-6
Formula:	C <sub>15</sub> H <sub>21</sub> ClN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	324.81
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	2-PADQZ hydrochloride shows antiviral activity and targets influenza A virus RNA promoter.
Targets(IC50)	Antiviral, Influenza Virus, PARP

## Solubility Information

Solubility	DMSO: 50 mg/mL (153.94 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	3.0787 mL	15.3936 mL	30.7872 mL
5 mM	0.6157 mL	3.0787 mL	6.1574 mL
10 mM	0.3079 mL	1.5394 mL	3.0787 mL
50 mM	0.0616 mL	0.3079 mL	0.6157 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.

## Reference

Wang L, et al. Analyses of serum and urinary metabolites in individuals with peripheral artery disease (PAD) consuming a bean-rich diet: relationships with drug metabolites. *Appl Physiol Nutr Metab.* 2022 Mar;47(3):243-252.

Bottini A, et al. Targeting Influenza A Virus RNA Promoter. *Chem Biol Drug Des.* 2015 Oct;86(4):663-73.

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