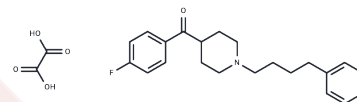


## 4F 4PP oxalate

## Chemical Properties

CAS No. :	144734-36-1
Formula:	C <sub>22</sub> H <sub>26</sub> FNO·C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>
Molecular Weight:	429.49
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	4F 4PP oxalate is a 5-HT <sub>2A</sub> antagonist.
Targets(IC <sub>50</sub> )	5-HT Receptor

## Solubility Information

Solubility	DMSO: 6.25 mg/mL (14.55 mM), Sonication is recommended. Ethanol: 20 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	2.3283 mL	11.6417 mL	23.2834 mL
5 mM	0.4657 mL	2.3283 mL	4.6567 mL
10 mM	0.2328 mL	1.1642 mL	2.3283 mL
50 mM	0.0466 mL	0.2328 mL	0.4657 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

Aira Z , Buesa I , Ca?O G , et al. Selective impairment of spinal mu-opioid receptor mechanism by plasticity of serotonergic facilitation mediated by 5-HT<sub>2A</sub> and 5-HT<sub>2B</sub> receptors[J]. Pain, 2012, 153(7):1418-1425.

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