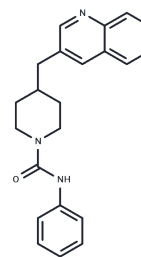


PF 750

## Chemical Properties

CAS No. : 959151-50-9  
 Formula: C<sub>22</sub>H<sub>23</sub>N<sub>3</sub>O  
 Molecular Weight: 345.44  
 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	PF 750 (ZINC27647189) is a selective and covalent inhibitor of FAAH. PF 750 shows IC <sub>50</sub> s varying from 16.2 to 595 nM in different incubation times.
Targets(IC <sub>50</sub> )	FAAH, Autophagy

## Solubility Information

Solubility	DMSO: 90 mg/mL (260.54 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	2.8949 mL	14.4743 mL	28.9486 mL
5 mM	0.579 mL	2.8949 mL	5.7897 mL
10 mM	0.2895 mL	1.4474 mL	2.8949 mL
50 mM	0.0579 mL	0.2895 mL	0.579 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

Ahn K, et al. Novel mechanistic class of fatty acid amide hydrolase inhibitors with remarkable selectivity. *Biochemistry*. 2007 Nov 13;46(45):13019-30.

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