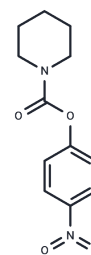


AA38-3

## Chemical Properties

CAS No. : 65815-76-1  
Formula: C<sub>12</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>  
Molecular Weight: 250.25  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------|
| Description   | AA38-3 (1-Piperidinecarboxylic acid, 4-nitrophenyl ester) inhibits three SHs (ABHD6, ABHD11, and FAAH) |
| Targets(IC50) | FAAH,Lipase,MAGL                                                                                       |

## Solubility Information

|            |                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 90 mg/mL (359.64 mM),Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 3.996 mL  | 19.980 mL | 39.960 mL |
| 5 mM  | 0.7992 mL | 3.996 mL  | 7.992 mL  |
| 10 mM | 0.3996 mL | 1.998 mL  | 3.996 mL  |
| 50 mM | 0.0799 mL | 0.3996 mL | 0.7992 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

Adibekian, Alexander, Martin, et al. Click-generated triazole ureas as ultrapotent in vivo-active serine hydrolase inhibitors.[J]. Nature Chemical Biology, 2011.

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