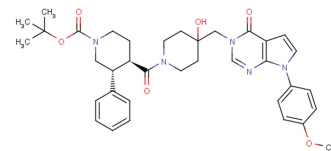


USP7-IN-5

## Chemical Properties

CAS No.: 2166599-74-0  
Formula: C<sub>36</sub>H<sub>43</sub>N<sub>5</sub>O<sub>6</sub>  
Molecular Weight: 641.76  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | USP7-IN-5 is a potent inhibitor of ubiquitin-specific protease 7 (USP7, IC <sub>50</sub> : 49.9 nM). |
| Targets(IC <sub>50</sub> ) | USP7: 49.9 nM  |
| In vitro                   | USP7-IN-5 shows cytotoxicity to MM1S cells (IC <sub>50</sub> : 31.5 nM).                             |

## Solubility Information

|            |   |
|------------|---|
| Solubility | < 1 mg/ml refers to the product slightly soluble or insoluble |
|------------|---|

### Preparing Stock Solutions

|       | 1mg      | 5mg      | 10mg      |
|-------|----------|----------|-----------|
| 1 mM  | 1.558 mL | 7.791 mL | 15.582 mL |
| 5 mM  | 0.312 mL | 1.558 mL | 3.116 mL  |
| 10 mM | 0.156 mL | 0.779 mL | 1.558 mL  |
| 50 mM | 0.031 mL | 0.156 mL | 0.312 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. András Kotschy, et al. New piperidinyl derivatives, a process for their preparation and pharmaceutical compositions containing them. WO2017212012A1.

Inhibitors · Natural Compounds · Compound Libraries

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