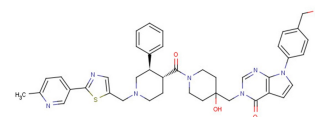


USP7-IN-6

## Chemical Properties

CAS No.:	2166586-47-4
Formula:	C <sub>41</sub> H <sub>43</sub> N <sub>7</sub> O <sub>4</sub> S
Molecular Weight:	729.89
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-6 is a potent inhibitor of ubiquitin-specific protease 7 (USP7, IC <sub>50</sub> : 6.8 nM).
Targets(IC <sub>50</sub> )	USP7: 6.8 nM
In vitro	USP7-IN-6 shows cytotoxicity to Z138 tumour cells (IC <sub>50</sub> : 1.1 nM).

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.37 mL	6.85 mL	13.701 mL
5 mM	0.274 mL	1.37 mL	2.74 mL
10 mM	0.137 mL	0.685 mL	1.37 mL
50 mM	0.027 mL	0.137 mL	0.274 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 (hetero)aryl-substituted-piperidiny derivatives, a process for their preparation and pharmaceutical compositions containing them. WO2017212010A1.

Inhibitors · Natural Compounds · Compound Libraries

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