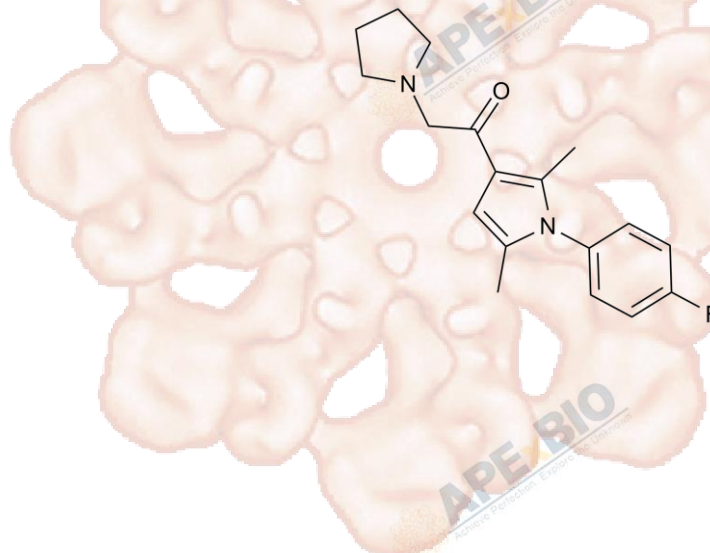


# Product Data Sheet

## IU1

<b>Cat. No.:</b>	A4002
<b>CAS No.:</b>	314245-33-5
<b>Formula:</b>	C <sub>18</sub> H <sub>21</sub> FN <sub>2</sub> O
<b>M.Wt:</b>	300.37
<b>Synonyms:</b>	Usp14 inhibitor
<b>Target:</b>	Ubiquitination/ Proteasome
<b>Pathway:</b>	DUB
<b>Storage:</b>	Store at 4°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥10.9 mg/mL in DMSO; ≥81.8 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Mass			
	Solvent Concentration	1mg	5mg	10mg
	1 mM	3.3292 mL	16.6461 mL	33.2923 mL
	5 mM	0.6658 mL	3.3292 mL	6.6585 mL
	10 mM	0.3329 mL	1.6646 mL	3.3292 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary	Usp14 inhibitor	
IC <sub>50</sub> & Target	4.7 μM (USP14)	
In Vitro	<b>Cell Viability Assay</b>	
	Preparation method:	
In Vivo	<b>Animal experiment</b>	
	Applications:	

### Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

**APEX BIO Technology**

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