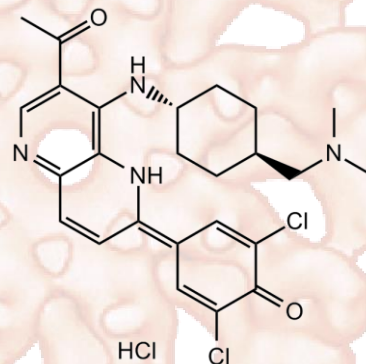


# Product Data Sheet

## OTSSP167 hydrochloride

<b>Cat. No.:</b>	B1308
<b>CAS No.:</b>	1431698-10-0
<b>Formula:</b>	C <sub>25</sub> H <sub>29</sub> Cl <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
<b>M.Wt:</b>	523.88
<b>Synonyms:</b>	
<b>Target:</b>	PI3K/Akt/mTOR Signaling
<b>Pathway:</b>	MELK
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

Soluble in DMSO

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		1.9088 mL	9.5442 mL	19.0883 mL
	5 mM		0.3818 mL	1.9088 mL	3.8177 mL
	10 mM		0.1909 mL	0.9544 mL	1.9088 mL

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

## Biological Activity

Shortsummary

MELK inhibitor, highly potent and selective

 IC<sub>50</sub> & Target

0.41nM (MELK)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

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. Shortterm 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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