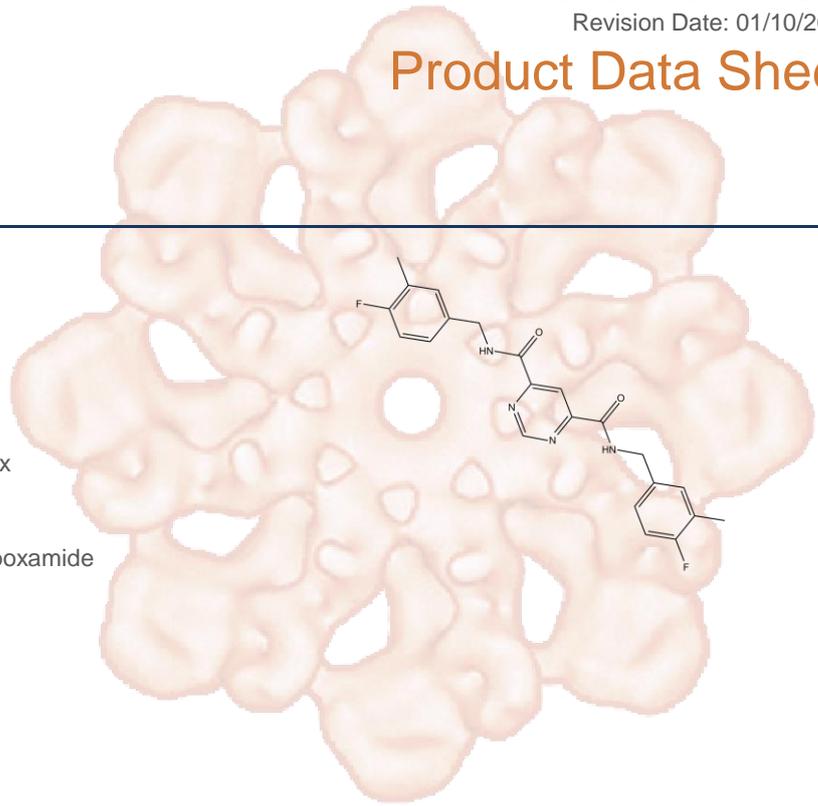


## MMP-13 Inhibitor

<b>Cat. No.:</b>	C4331
<b>CAS No.:</b>	544678-85-5
<b>Formula:</b>	C <sub>22</sub> H <sub>20</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub>
<b>M.Wt:</b>	410.4
<b>Synonyms:</b>	Collagenase-3 Inhibitor, Matrix Metalloproteinase-13 Inhibitor, 4,6-Pyrimidinedicarboxamide
<b>Target:</b>	Proteases
<b>Pathway:</b>	MMP
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

≤0.5mg/ml in ethanol; 2mg/ml in DMSO; 2mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.4366 mL	12.1832 mL	24.3665 mL
	5 mM		0.4873 mL	2.4366 mL	4.8733 mL
	10 mM		0.2437 mL	1.2183 mL	2.4366 mL

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

### Biological Activity

Shortsummary

MMP-13 inhibitor

IC<sub>50</sub> & Target

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 APExBIO 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.*

**APExBIO Technology**

[www.apexbt.com](http://www.apexbt.com)

7505 Fannin Street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

