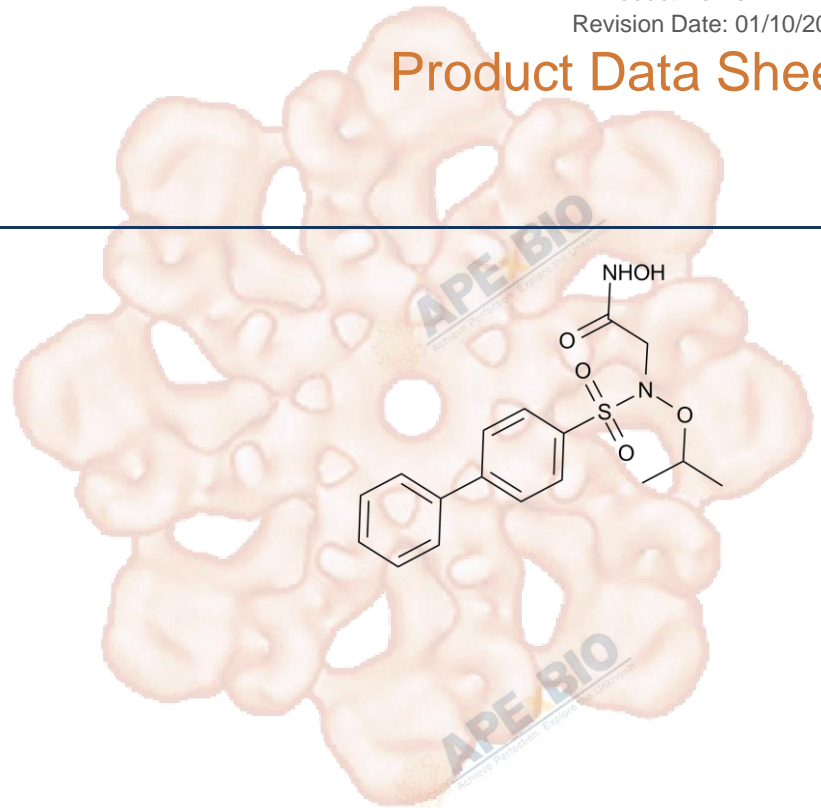


Product Data Sheet

ARP 100

Cat. No.:	A4432
CAS No.:	704888-90-4
Formula:	C ₁₇ H ₂₀ N ₂ O ₅ S
M.Wt:	364.42
Synonyms:	
Target:	Proteases
Pathway:	MMP
Storage:	Desiccate at 4°C



Solvent & Solubility

≥36.4 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		2.7441 mL	13.7204 mL	27.4409 mL
	5 mM		0.5488 mL	2.7441 mL	5.4882 mL
	10 mM		0.2744 mL	1.3720 mL	2.7441 mL

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

Biological Activity

Shortsummary

Selective MMP-2 inhibitor

IC₅₀ & Target

12 nM (MMP-2)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Qiao, Jie, et al. "Filamin C, a dysregulated protein in cancer revealed by label-free quantitative proteomic analyses of human gastric cancer cells." *Oncotarget* 6.2 (2015): 1171. PMID:25577646

See more customer validations on 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

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

