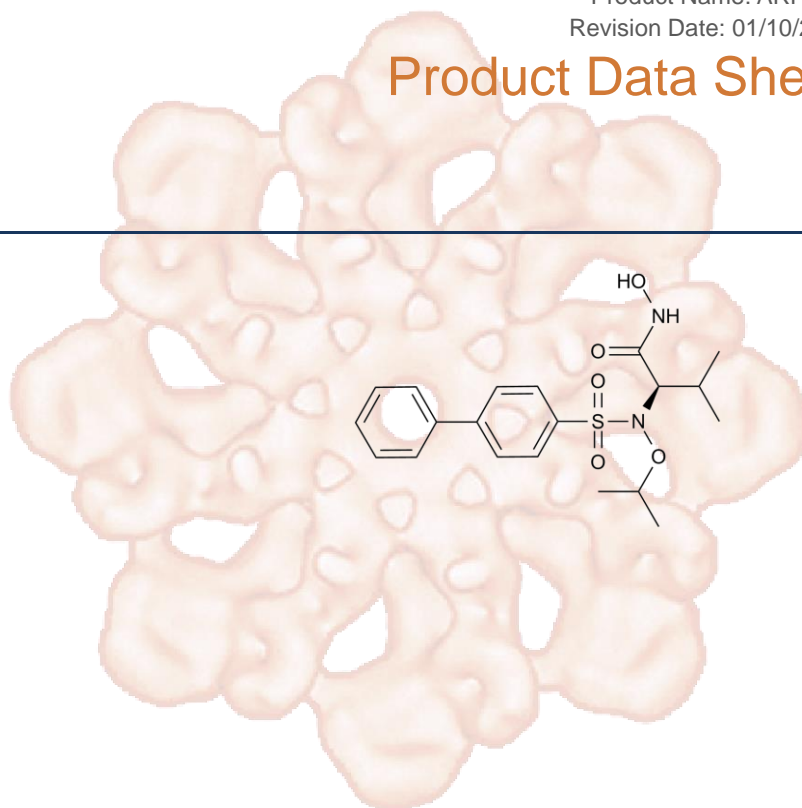


Product Data Sheet

ARP 101

Cat. No.:	A4433
CAS No.:	849773-63-3
Formula:	C ₂₀ H ₂₆ N ₂ O ₅ S
M.Wt:	406.5
Synonyms:	
Target:	Proteases
Pathway:	MMP
Storage:	Desiccate at 4°C



Solvent & Solubility

<40.65mg/ml in DMSO; <10.16mg/ml in ethanol

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		2.4600 mL	12.3001 mL	24.6002 mL
	5 mM		0.4920 mL	2.4600 mL	4.9200 mL
	10 mM		0.2460 mL	1.2300 mL	2.4600 mL

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

Biological Activity

Shortsummary

MMP inhibitor,potent and selective

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Liao HF, Pan CH, et al. "Toxicologicaleffects of NCKU-21, a phenanthrene derivative, on cell growth and migration of A549 and CL1-5 human lung adenocarcinoma cells." PLoS One. 2017 Sep25;12(9):e0185021.PMID:28945763

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. 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.

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