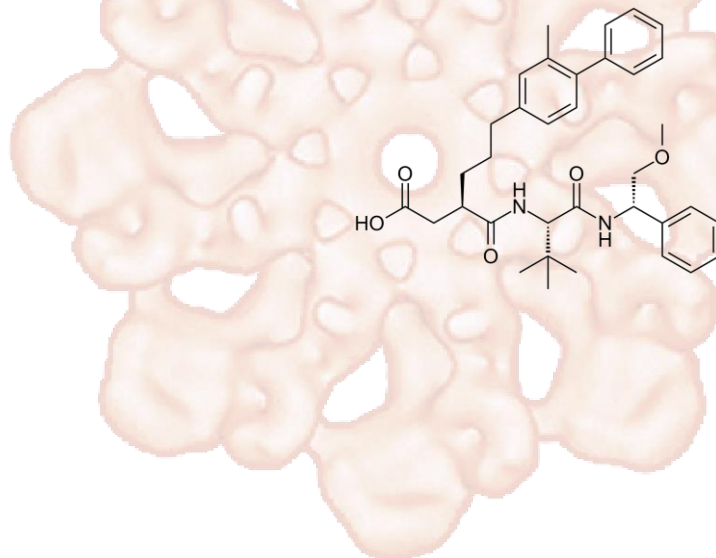


# Product Data Sheet

## UK 370106

Cat. No.:	A4441
CAS No.:	230961-21-4
Formula:	C <sub>35</sub> H <sub>44</sub> N <sub>2</sub> O <sub>5</sub>
M.Wt:	572.73
Synonyms:	
Target:	Proteases
Pathway:	MMP
Storage:	Store at 4°C



## Solvent & Solubility

<57.27mg/ml in DMSO; <14.32mg/ml in ethanol

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		1.7460 mL	8.7301 mL	17.4602 mL
	5 mM		0.3492 mL	1.7460 mL	3.4920 mL
	10 mM		0.1746 mL	0.8730 mL	1.7460 mL

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

## Biological Activity

Shortsummary

MMP-3/MMP-12 Inhiibitor,highly selective

IC<sub>50</sub> & Target

23 nM (MMP-3), 42 nM (MMP-12), 1.75 µM (MMP-8), 2.3 µM (MMP-13), 5.8 µM (MMP-7), 30.4 µM (MMP-9)

In Vitro

### Cell Viability Assay

Preparation method:

In Vivo

### Animal experiment

Applications:

## Product Citations

1. Werneburg S, Buettner FF, Erben L, Mathews M, Neumann H, Mühlenhoff M, Hildebrandt H. "Polysialylation and lipopolysaccharide-induced shedding of E-selectin ligand-1 and neuropilin-2 by microglia and THP-1 macrophages." *Glia*. 2016 May 9. PMID:27159043

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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