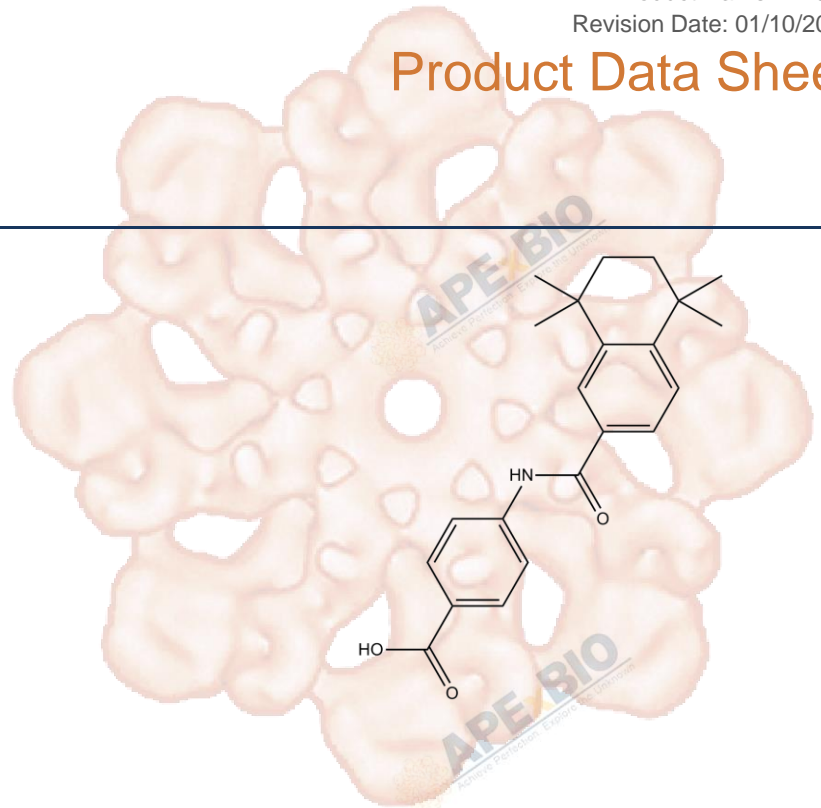


# Product Data Sheet

## AM580

<b>Cat. No.:</b>	B4654
<b>CAS No.:</b>	102121-60-8
<b>Formula:</b>	C <sub>22</sub> H <sub>25</sub> NO <sub>3</sub>
<b>M.Wt:</b>	351.44
<b>Synonyms:</b>	
<b>Target:</b>	Others
<b>Pathway:</b>	RAR/RXR
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

insoluble in H<sub>2</sub>O; ≥14.3 mg/mL in DMSO; ≥18.37 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass	Concentration		
			1mg	5mg	10mg
	<b>1 mM</b>		2.8454 mL	14.2272 mL	28.4544 mL
	<b>5 mM</b>		0.5691 mL	2.8454 mL	5.6909 mL
	<b>10 mM</b>		0.2845 mL	1.4227 mL	2.8454 mL

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

## Biological Activity

Shortsummary

Selective RAR $\alpha$  agonist

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. 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.*

**APExBIO Technology**

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