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Product Data Sheet

Product name: **AM 580**

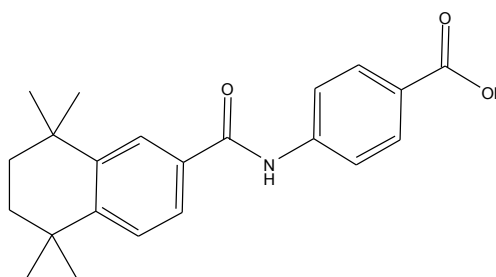
Cat. number: **VD-PI-0095**

CAS Number: **102121-60-8**

Lot number: **VD14-0703502**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₂₂ H ₂₅ NO ₃
MW:	351.44
Purity:	>=95% by HPLC
Appearance:	White crystalline solid.
Solubility:	DMSO
Storage:	RT.
Synonyms:	4-(5,6,7,8-Tetrahydro-5,5,8,8-tetramethyl-2-naphthalen yl)carboxamido benzoic acid

Product Description:

An analog of retinoic acid that acts as a selective Retinoic Acid Receptors RAR agonist (EC₅₀ values are 0.3, 8.6 and 13 nM for RAR, RAR and RAR respectively). Significantly induces IL-4, IL-5 and IL-13 and inhibits IL-12 and IFN synthesis, and induces cell differentiation with over 7 times the activity of retinoic acid in vitro.

Product References

1.Kagechika et al (1988) Retinobenzoic acids. Structure-activity relationships of aromatic amides with retinoidal activity. J.Med.Chem. 31 2182.

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