

(-)-Taxifolin Biochemical

(-)-Taxifolin

CATALOG #
AAA227460

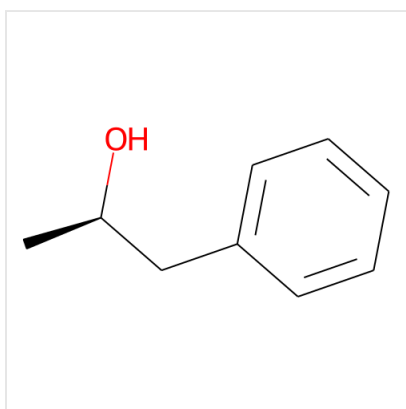
PRODUCT SYNONYMS

(-)-Taxifolin; (-)-Taxifolin biochemical

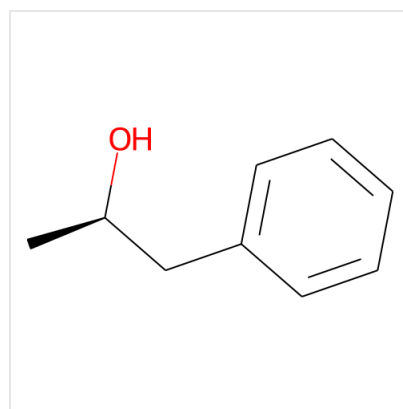
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	111003-33-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
R)-1-Phenyl-2-propanol, CAS 1572-95-8



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ADDITIONAL INFORMATION

Related Product Information for (-)-Taxifolin biochemical	(-)-Taxifolin is the less active enantiomer of Taxifolin. Taxifolin exhibits important anti- tyrosinase activity. Taxifolin exhibits significant inhibitory activity against collagenase with an IC 50 value of 193.3 uM. Taxifolin is an important natural compound with antifibrotic activity. Taxifolin is a free radical scavenger with antioxidant capacity.
References	1. Violetta Kiss, et al. Enantioseparation of secondary alcohols by diastereoisomeric salt formation. Chirality. 2006 Feb;18(2):116-20. 2. Xiao-Xin Shi, et al. Asymmetric Syntheses of Both Enantiomers of Amphetamine Hydrochloride via Bakers' Yeast Reduction of Phenylacetone. Journal of Chemical Research. 2004;2004(10):681-683.

NCBI AND UNIPROT INFORMATION

Molecular Weight	136.194
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/taxifolin/227460>