

EMD527040 biochemical

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CATALOG #
AAA228899

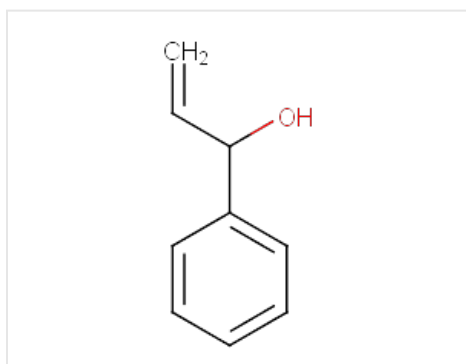
PRODUCT SYNONYMS

EMD527040; 3-Phenylpropene-3-ol; EMD527040 biochemical

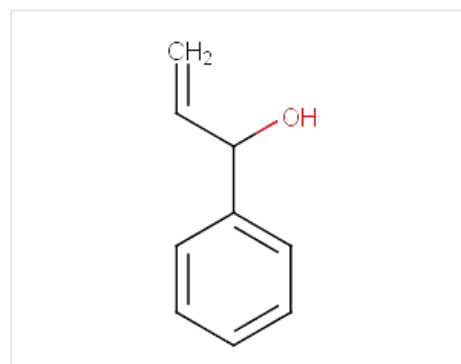
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	851333-14-7
Targets&IC50	alphavbeta6:6 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	EMD527040 (intraperitoneal injection; 20-60 mg/kg; week 2 to 6 after BDL) attenuates bile ductular proliferation and peribiliary collagen deposition by 40-50%, induces downregulation of fibrogenic and upregulation of fibrolytic genes, and improves liver architecture and function. EMD527040 significantly reduced liver and spleen weights by 22% and 50%, respectively in Mdr2(Abc4) -/- mice[1]. Animal Model: Male adult Wistar rats Dosage: 20-60 mg/kg. Administration: intraperitoneal injection; 20-60 mg/kg; week 2 to 6 after BDL (bile duct ligation). Result: Ameliorated fibrosis progression in rodents with biliary fibrosis.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
1-phenylprop-2-en-1-ol, CAS 4393-06-0



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ADDITIONAL INFORMATION

Related Product Information for EMD527040 biochemical	EMD527040 is a potent and highly selective alphavbeta6 antagonist with antifibrotic activities. EMD527040 can be used for carcinoma and liver fibrosis research.
Product Categories/Family for EMD527040 biochemical	Others

NCBI AND UNIPROT INFORMATION

Molecular Weight	134.178
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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://stage.aaabiotech.com/biochemical/emd527040/228899>