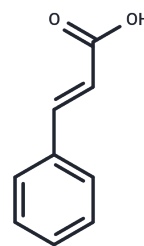


## trans-Cinnamic acid

## Chemical Properties

CAS No. :	140-10-3
Formula:	C <sub>9</sub> H <sub>8</sub> O <sub>2</sub>
Molecular Weight:	148.16
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	trans-Cinnamic acid (Myricitrine) exerts anti-diabetic activity by improving glucose tolerance in vivo and by stimulating insulin secretion in vitro.
Targets(IC50)	Endogenous Metabolite,Antibacterial

## Solubility Information

Solubility	DMSO: 55 mg/mL (371.22 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7495 mL	33.7473 mL	67.4946 mL
5 mM	1.3499 mL	6.7495 mL	13.4989 mL
10 mM	0.6749 mL	3.3747 mL	6.7495 mL
50 mM	0.135 mL	0.6749 mL	1.3499 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

## Reference

Hafizur RM, et al. Phytomedicine. 2015 Feb 15;22(2):297-300.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481