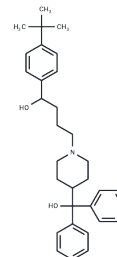


## Terfenadine

## Chemical Properties

CAS No. :	50679-08-8
Formula:	C <sub>32</sub> H <sub>41</sub> NO <sub>2</sub>
Molecular Weight:	471.67
Appearance:	no data available
Storage:	keep away from moisture
	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Terfenadine ((±)-Terfenadine) is a prodrug metabolized by intestinal CYP3A4 into fexofenadine, an active selective histamine H <sub>1</sub> -receptor antagonist that possesses antihistaminic and non-sedative effects.
Targets(IC <sub>50</sub> )	Apoptosis, 5-HT Receptor, Caspase, AChR, Histamine Receptor, Na <sup>+</sup> /Ca <sup>2+</sup> Exchanger, Potassium Channel

## Solubility Information

Solubility	DMSO: 47.2 mg/mL (100.07 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1201 mL	10.6006 mL	21.2013 mL
5 mM	0.424 mL	2.1201 mL	4.2403 mL
10 mM	0.212 mL	1.0601 mL	2.1201 mL
50 mM	0.0424 mL	0.212 mL	0.424 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

Kishimoto W, et al. Res Commun Mol Pathol Pharmacol. 1997 Dec;98(3):273-92.

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