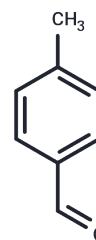


P-Tolualdehyde

Chemical Properties

CAS No. :	104-87-0
Formula:	C ₈ H ₈ O
Molecular Weight:	120.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	p-Tolualdehyde is a RIFM flavor that shows inhibition of mushroom tyrosinase.
Targets(IC50)	Tyrosinase,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 90.0 mg/mL (749.1 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.3229 mL	41.6146 mL	83.2293 mL
5 mM	1.6646 mL	8.3229 mL	16.6459 mL
10 mM	0.8323 mL	4.1615 mL	8.3229 mL
50 mM	0.1665 mL	0.8323 mL	1.6646 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

Api AM, et al. RIFM fragrance ingredient safety assessment, p-tolualdehyde, CAS Registry Number 104-87-0. Food Chem Toxicol. 2021;149 Suppl 1:111982.

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