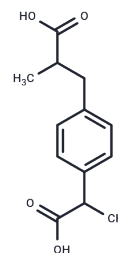


Ibuprofen Carboxylic Acid

Chemical Properties

CAS No. :	15935-54-3
Formula:	C ₁₃ H ₁₆ O ₄
Molecular Weight:	236.267
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ibuprofen carboxylic acid is a major metabolite of ibuprofen . It prevents fructose-, cyanate-, and prednisolone-induced inactivation of catalase and fructose- and cyanate-induced inactivation of fumarase when used at a concentration of 2 mM and penetrates into the lens of isolated bovine eyes. Ibuprofen carboxylic acid has been found in bank filtrate and surface water, as well as influent and effluent wastewater, and is considered a micropollutant.
Targets(IC50)	Others,Drug Metabolite

Solubility Information

Solubility	Ethyl Acetate: Soluble Chloroform: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2324 mL	21.1622 mL	42.3245 mL
5 mM	0.8465 mL	4.2324 mL	8.4649 mL
10 mM	0.4232 mL	2.1162 mL	4.2324 mL
50 mM	0.0846 mL	0.4232 mL	0.8465 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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:34 Washington Street,Wellesley Hills,MA 02481