

Ethyl glucuronide

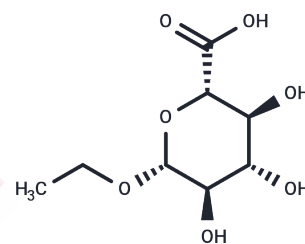
Chemical Properties

CAS No. : 17685-04-0

Formula: C₈H₁₄O₇

Molecular Weight: 222.19

Storage: Keep away from moisture, Store at low temperature,
Store under nitrogen
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	Ethyl glucuronide (Ethyl-β-D-glucuronide) is a non-oxidized ethanol metabolite that is a biomarker for chronic alcohol consumption.
Targets(IC50)	Endogenous Metabolite,TLR

Solubility Information

Solubility	H ₂ O: 100 mg/mL (450.07 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5007 mL	22.5033 mL	45.0065 mL
5 mM	0.9001 mL	4.5007 mL	9.0013 mL
10 mM	0.4501 mL	2.2503 mL	4.5007 mL
50 mM	0.090 mL	0.4501 mL	0.9001 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.

Reference

Wurst FM, et al. Ethyl glucuronide--a marker of alcohol consumption and a relapse marker with clinical and forensic implications. Alcohol Alcohol. 1999 Jan-Feb;34(1):71-7.

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