

## Quercetin 7-glucuronide

## Chemical Properties

CAS No. : 38934-20-2

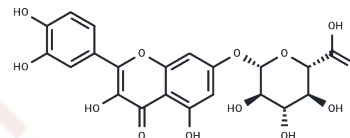
Formula: C<sub>21</sub>H<sub>18</sub>O<sub>13</sub>

Molecular Weight: 478.36

Keep away from direct sunlight

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	Quercetin 7-glucuronide is a metabolite of quercetin that inhibits LDL oxidation.
Targets(IC50)	Drug Metabolite,LDL

## Solubility Information

Solubility	H <sub>2</sub> O: < 1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0905 mL	10.4524 mL	20.9048 mL
5 mM	0.4181 mL	2.0905 mL	4.181 mL
10 mM	0.209 mL	1.0452 mL	2.0905 mL
50 mM	0.0418 mL	0.209 mL	0.4181 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

Janisch KM, et al. Properties of quercetin conjugates: modulation of LDL oxidation and binding to human serum albumin. Free Radic Res. 2004 Aug;38(8):877-84.

**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