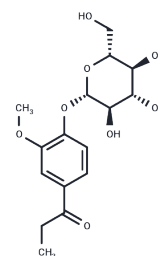


## Baihuaqianhuoside

## Chemical Properties

CAS No. :	155969-61-2
Formula:	C <sub>16</sub> H <sub>22</sub> O <sub>8</sub>
Molecular Weight:	342.34
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Baihuaqianhuoside (Praeroside) is a coumarin glycoside. Baihuaqianhuoside can be isolated from the roots of Passiflora and Hindenia solanacea and was first isolated from P. japonicum. Baihuaqianhuoside has anti-inflammatory activity in vitro and can be used in studies of inflammation. Baihuaqianhuoside has been shown to be effective against 1,1- scavenging effect of diphenyl-2-propenyl hydrazide radical and inhibition of 2,2'-azobis(2-amidinopropane) dihydrochloride-induced liposome oxidation.
Targets(IC50)	Others
In vitro	Praeroside treatment (0-100 μM; 4 h) exhibits negligible inhibition of NO production in RAW264.7 cells, with an IC50 value greater than 100 μM.[1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9211 mL	14.6054 mL	29.2107 mL
5 mM	0.5842 mL	2.9211 mL	5.8421 mL
10 mM	0.2921 mL	1.4605 mL	2.9211 mL
50 mM	0.0584 mL	0.2921 mL	0.5842 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

Zhang HL, et al. A New Anti-Inflammatory Alkaloid from Roots of *Heracleum dissectum*. *Chem Biodivers*. 2017;14(9):1700184.

Ishii H, et al. Studies of coumarins from the Chinese drug Qianhu, XXVII: structure of a new simple coumarin glycoside from Bai-Hua Qianhu, *Peucedanum praeruptorum*. *Chem Pharm Bull (Tokyo)*. 2008;56(9):1349-1351.

Jiang ZY, et al. Phenolic glycosides from *Ficus tikoua* and their cytotoxic activities. *Carbohydr Res*. 2013;382:19-24.

**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