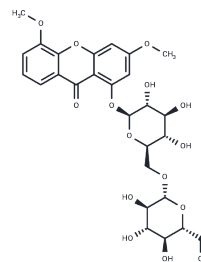


## Kouitchenside G

## Chemical Properties

CAS No. :	1444411-75-9
Formula:	C <sub>27</sub> H <sub>32</sub> O <sub>15</sub>
Molecular Weight:	596.53
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	Kouitchenside G, a natural compound extracted from Swertia kouitchensis, demonstrates inhibitory activity against $\alpha$ -Glucosidase, showcasing an IC <sub>50</sub> value of 956 $\mu$ M [1].
Targets(IC <sub>50</sub> )	Others, Glucosidase, glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6764 mL	8.3818 mL	16.7636 mL
5 mM	0.3353 mL	1.6764 mL	3.3527 mL
10 mM	0.1676 mL	0.8382 mL	1.6764 mL
50 mM	0.0335 mL	0.1676 mL	0.3353 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