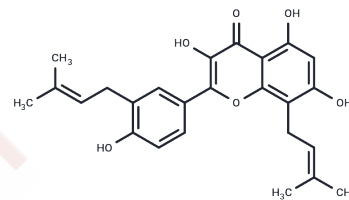


## Brousoflavonol F

## Chemical Properties

CAS No. :	162558-94-3
Formula:	C <sub>25</sub> H <sub>26</sub> O <sub>6</sub>
Molecular Weight:	422.47
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	Brousoflavonol F has antiplatelet effect, is partially due to an inhibitory effect on cyclooxygenase, can inhibit arachidonic acid (AA)-induced platelet aggregation. Brousoflavonol F shows inhibitory activities on mushroom tyrosinase. Brousoflavonol F shows radical scavenging against 2,2-diphenyl-1-picrylhydrazyl (DPPH), the IC <sub>50</sub> value of 708.54 μM. It also exhibits moderate cytotoxic activities against five human cancer cells with the IC <sub>50</sub> value of 0.41-7.2 μg/mL.
Targets(IC <sub>50</sub> )	Tyrosinase, Xanthine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.367 mL	11.8352 mL	23.6703 mL
5 mM	0.4734 mL	2.367 mL	4.7341 mL
10 mM	0.2367 mL	1.1835 mL	2.367 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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