Data Sheet (Cat.No.T79980)

TargetMol

Flaccidoside III

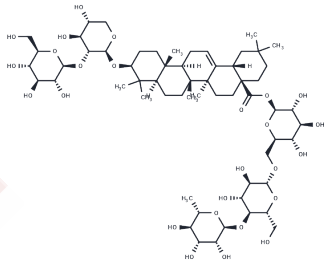
Chemical Properties

CAS No. : 140400-67-5

Formula: C59H96O26

Molecular Weight: 1221.38

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	Flaccidoside III, a flavonoid and triterpenoid compound extracted from the aerial parts of N. sativa (Ranunculaceae), demonstrates inhibition of α-Glucosidase (IC50: 256.7 μM) and exhibits potential antioxidant and antidiabetic properties [1].
Targets(IC50)	Glucosidase,glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8187 mL	4.0937 mL	8.1875 mL
5 mM	0.1637 mL	0.8187 mL	1.6375 mL
10 mM	0.0819 mL	0.4094 mL	0.8187 mL
50 mM	0.0164 mL	0.0819 mL	0.1637 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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481