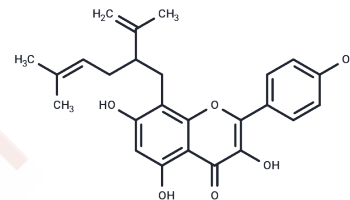


8-Lavandulylkaempferol

Chemical Properties

CAS No. :	883859-83-4
Formula:	C ₂₅ H ₂₆ O ₆
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	8-Lavandulylkaempferol exhibits significant inhibitory effects with IC ₅₀ values of 7.10 and 8.11 microM for butyrylcholinesterase and acetylcholinesterase, respectively. It shows inhibitory activities against aldose reductase, with the the IC ₅₀ of 0.79 microM.
Targets(IC ₅₀)	Reductase,AChR

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