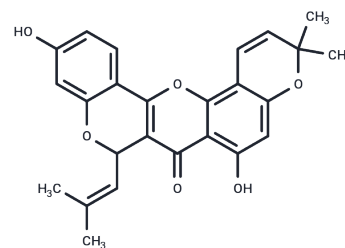


Cyclomorusin

Chemical Properties

CAS No. :	62596-34-3
Formula:	C25H22O6
Molecular Weight:	418.44
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cyclomorusin exhibits competitive inhibition toward monophenolase activity of mushroom tyrosinase, the IC50 value of 0.092 microM. It evokes the stimulation of superoxide anion generation in fMLP-stimulated rat neutrophils. Cyclomorusin , neocyclomorusin and kuwanon C inhibited cholinesterase enzyme in a dose-dependent manner with K(i) values ranging between 3.1 and 37.5 uM and between 1.7 and 19.1 uM against acetylcholinesterase (AChE) and butyrylcholinesterase (BChE) enzymes, respectively.
Targets(IC50)	NOS,AChR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3898 mL	11.9491 mL	23.8983 mL
5 mM	0.478 mL	2.3898 mL	4.7797 mL
10 mM	0.239 mL	1.1949 mL	2.3898 mL
50 mM	0.0478 mL	0.239 mL	0.478 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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