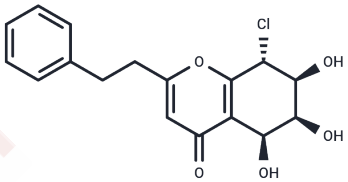
Data Sheet (Cat.No.T40716)

TargetMol

8-Chloro-2-(2-phenylethyl)-5,6,7-trihydroxy-5,6,7,8-tetrahydrochromone

Chemical Properties



CAS No. : 626236-06-4

Formula: C17H17ClO5

Molecular Weight: 336.77

Storage: Keep away from moisture,Keep away from direct sunlight
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-Chloro-2-(2-phenylethyl)-5,6,7-trihydroxy-5,6,7,8-tetrahydrochromone is a chromone derivative that can be isolated from the methanol extract of dead agarwood and is capable of inhibiting LPS-induced NO production (IC_{50} = 5.63 μM).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9694 mL	14.8469 mL	29.6939 mL
5 mM	0.5939 mL	2.9694 mL	5.9388 mL
10 mM	0.2969 mL	1.4847 mL	2.9694 mL
50 mM	0.0594 mL	0.2969 mL	0.5939 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.

Reference

Yagura T, et, al. Four new 2-(2-phenylethyl)chromone derivatives from withered wood of Aquilaria sinensis. Chem Pharm Bull (Tokyo). 2003 May;51(5):560-4.
Zhang S, et al. Seven new 2-(2-phenylethyl) chromone derivatives from agarwood of Aquilaria agallocha with inhibitory effects on nitric oxide production. Fitoterapia. 2022;159:105177.

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