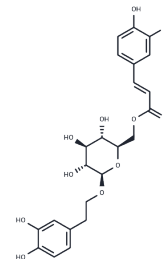


Calceolarioside B

Chemical Properties

CAS No. :	105471-98-5
Formula:	C ₂₃ H ₂₆ O ₁₁
Molecular Weight:	478.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Calceolarioside B (Desrhamnosyl isoacteoside) displays inhibition of aromatase. Calceolarioside B displays inhibition of human recombinant PKC α .
Targets(IC ₅₀)	Aromatase

Solubility Information

Solubility	DMSO: 60 mg/mL (125.4 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0901 mL	10.4504 mL	20.9008 mL
5 mM	0.418 mL	2.0901 mL	4.1802 mL
10 mM	0.209 mL	1.045 mL	2.0901 mL
50 mM	0.0418 mL	0.209 mL	0.418 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.

Reference

- Kim, H., Yu, Y., Park, H., & Lee, Y. (2002). HIV gp41 Binding Phenolic Components from *Fraxinus sieboldiana* var. *angustata*. *Planta Medica*, 68(11), 1034-1036. doi: 10.1055/s-2002-35665
- Huang B, Lin B, Zheng H, et al. Discovery of natural products as influenza neuraminidase inhibitors: in silico screening, in vitro validation, and molecular dynamic simulation studies. *Molecular Diversity*. 2025: 1-17.
- Yang, J., Kondratyuk, T., Jermihov, K., Marler, L., Qiu, X., & Choi, Y. et al. (2011). Bioactive Compounds from the Fern *Lepisorus contortus*. *Journal Of Natural Products*, 74(2), 129-136. doi: 10.1021/np1200373f

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