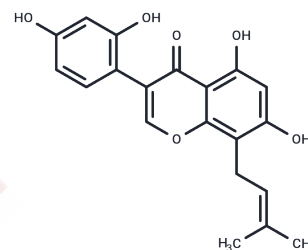


2,3-Dehydrokievitone

Chemical Properties

CAS No. :	74161-25-4
Formula:	C ₂₀ H ₁₈ O ₆
Molecular Weight:	354.35
Storage:	Store at low temperature,Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	2,3-Dehydrokievitone, an isoflavone extracted from <i>Erythrina saclexii</i> , has antimicrobial activity against methicillin-resistant <i>Staphylococcus aureus</i> infections by decreasing the expression of α -hemolysin.
Targets(IC50)	Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8221 mL	14.1103 mL	28.2207 mL
5 mM	0.5644 mL	2.8221 mL	5.6441 mL
10 mM	0.2822 mL	1.411 mL	2.8221 mL
50 mM	0.0564 mL	0.2822 mL	0.5644 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

Yenesew A, et al. Two isoflavanones from the stem bark of *Erythrina saclexii*. *Phytochemistry*. 2000;55(5):457-459.

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