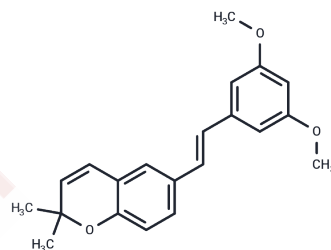


Lonchocarpene

Chemical Properties

CAS No. :	103805-58-9
Formula:	C ₂₁ H ₂₂ O ₃
Molecular Weight:	322.4
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	Lonchocarpene is a hypoglycemic agent From the Amazonian plant <i>Deguelia rufescens</i> var. <i>urucu</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1017 mL	15.5087 mL	31.0174 mL
5 mM	0.6203 mL	3.1017 mL	6.2035 mL
10 mM	0.3102 mL	1.5509 mL	3.1017 mL
50 mM	0.062 mL	0.3102 mL	0.6203 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

Pereira AC, Arruda MS, da Silva EA, da Silva MN, Lemos VS, Cortes SF. Inhibition of α -glucosidase and hypoglycemic effect of stilbenes from the Amazonian plant *Deguelia rufescens* var. *urucu* (Ducke) A. M. G. Azevedo (Leguminosae). *Planta Med.* 2012 Jan;78(1):36-8. doi: 10.1055/s-0031-1280199. Epub 2011 Sep 16. PubMed PMID: 21928165.

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