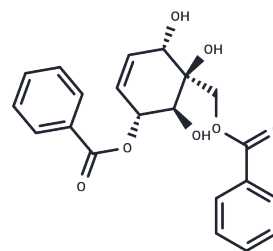


(-)-Zeylenol

Chemical Properties

CAS No. :	78804-17-8
Formula:	C ₂₁ H ₂₀ O ₇
Molecular Weight:	384.38
Appearance:	no data available
Storage:	store at low temperature
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(-)-Zeylenol (Zeylenol) is a natural product derived from the stems of the Uvaria grandiflora, showing anti-inflammatory, antifeedant and antitumor biological activity, acting by inhibiting the synthesis or release of multiple inflammatory mediators. zezelenol inhibited the root growth of rapeseed and had the potential to induce the apoptosis of human breast cancer MDA-MB231 cells.
Targets(IC50)	Apoptosis
In vitro	Zeylenol and zeylenone were isolated from the heartwood of the Chinese tree, Uvaria purpurea. Zeylenol and zeylenone both showed inhibitory activity toward the root growth of Lactuca sativa. Their structures were established by spectroscopic and chemical methods.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6016 mL	13.008 mL	26.0159 mL
5 mM	0.5203 mL	2.6016 mL	5.2032 mL
10 mM	0.2602 mL	1.3008 mL	2.6016 mL
50 mM	0.052 mL	0.2602 mL	0.5203 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

Takeuchi Y, et al. Four polyoxygenated cyclohexenes from the Chinese tree, Uvaria purpurea. Biosci Biotechnol Biochem. 2001;65(6):1395-1398.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481