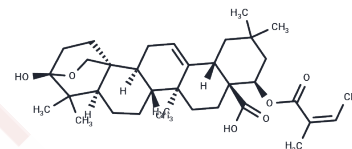


Camaric acid

Chemical Properties

CAS No. :	146450-83-1
Formula:	C ₃₅ H ₅₂ O ₆
Molecular Weight:	568.795
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	Camaric acid shows antibacterial activity against Staphylococcus aureus and methicillin resistant S. aureus with IC ₅₀ values 8.74 and 8.09 μM, respectively, it also shows moderate antileishmanial activity and highly potent antitrypanosomal activity. Camaric acid possesses nematocidal activity. Camaric acid shows significant topical anti-inflammatory activity with IC ₅₀ value of 0.67 mg/ear in the assay of TPA mouse ear oedema model.
Targets(IC ₅₀)	Antibacterial, Antifection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7581 mL	8.7904 mL	17.5809 mL
5 mM	0.3516 mL	1.7581 mL	3.5162 mL
10 mM	0.1758 mL	0.879 mL	1.7581 mL
50 mM	0.0352 mL	0.1758 mL	0.3516 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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