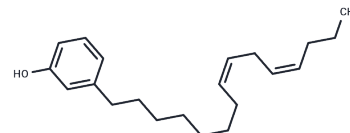


Cardanol diene

Chemical Properties

CAS No. : 51546-63-5
Formula: C₂₁H₃₂O
Molecular Weight: 300.48
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Cardanol diene is a phenol found in cashew nut shell liquid that inhibits tyrosinase with an IC ₅₀ value of 52.5 µM in vitro. Cardanol diene is also used to synthesize cardanol-metal complexes that inhibit uropathogenic E. coli biofilm formation.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.328 mL	16.640 mL	33.2801 mL
5 mM	0.6656 mL	3.328 mL	6.656 mL
10 mM	0.3328 mL	1.664 mL	3.328 mL
50 mM	0.0666 mL	0.3328 mL	0.6656 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.

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