

(R)-(+)-Deoxyarbutin

Chemical Properties

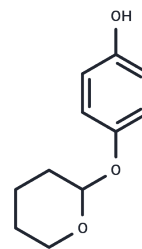
CAS No. :

Formula: C₁₁H₁₄O₃

Molecular Weight: 194.23

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	(R)-(+)-Deoxyarbutin, an isomer of deoxyarbutin, acts as a tyrosinase inhibitor. Effective at a concentration of 21 μ M, it diminishes tyrosinase activity and has been demonstrated to lighten the skin in hairless guinea pigs with dark, medium, and light pigmentation when applied at a 1% concentration.
Targets(IC50)	Others

Solubility Information

Solubility	Ethanol: Soluble Methanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1485 mL	25.7427 mL	51.4854 mL
5 mM	1.0297 mL	5.1485 mL	10.2971 mL
10 mM	0.5149 mL	2.5743 mL	5.1485 mL
50 mM	0.103 mL	0.5149 mL	1.0297 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

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:34 Washington Street,Wellesley Hills,MA 02481