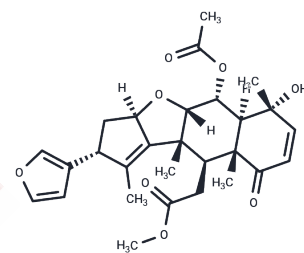


6-Acetylnimbandiol

Chemical Properties

CAS No. :	1281766-66-2
Formula:	C ₂₈ H ₃₄ O ₈
Molecular Weight:	498.56
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	6-Acetylnimbandiol (6-O-Acetylnimbandiol), a non-cytotoxic tyrosinase inhibitor (IC ₅₀ = 69.85 μM), effectively inhibits melanin production and MITF expression, making it valuable for melanoma research [1].
Targets(IC ₅₀)	Others, Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0058 mL	10.0289 mL	20.0578 mL
5 mM	0.4012 mL	2.0058 mL	4.0116 mL
10 mM	0.2006 mL	1.0029 mL	2.0058 mL
50 mM	0.0401 mL	0.2006 mL	0.4012 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