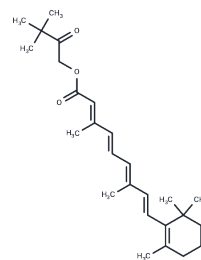


Hydroxypinacolone Retinoate

Chemical Properties

CAS No. :	893412-73-2
Formula:	C ₂₆ H ₃₈ O ₃
Molecular Weight:	398.58
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hydroxypinacolone Retinoate (HPR) is a retinoid commonly added to skin care products and can be used to study skin aging and acne.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5089 mL	12.5445 mL	25.0891 mL
5 mM	0.5018 mL	2.5089 mL	5.0178 mL
10 mM	0.2509 mL	1.2545 mL	2.5089 mL
50 mM	0.0502 mL	0.2509 mL	0.5018 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.

Reference

Wang Q, et al. The synergistic effect of retinyl propionate and hydroxypinacolone retinoate on skin aging. J Cosmet Dermatol. 2023 Jul;22(7):2040-2049.

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