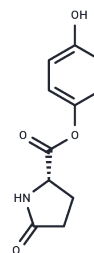


Pidobenzone

Chemical Properties

CAS No. :	138506-45-3
Formula:	C ₁₁ H ₁₁ NO ₄
Molecular Weight:	221.21
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	Pidobenzone is a melanin synthesis inhibitor that blocks melanin deposition, eliminates melasma and brightens skin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5206 mL	22.603 mL	45.2059 mL
5 mM	0.9041 mL	4.5206 mL	9.0412 mL
10 mM	0.4521 mL	2.2603 mL	4.5206 mL
50 mM	0.0904 mL	0.4521 mL	0.9041 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

Zanieri F, Assad GB, Campolmi P, Lotti T. Melasma: successful treatment with pidobenzone 4% (K5lipogel). Dermatol Ther. 2008 Jul;21 Suppl 1:S18-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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