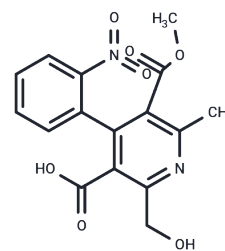


Hydroxydehydro Nifedipine Carboxylate

Chemical Properties

CAS No. :	34783-31-8
Formula:	C ₁₆ H ₁₄ N ₂ O ₇
Molecular Weight:	346.295
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	Hydroxydehydro nifedipine carboxylate is a metabolite of nifedipine .1
Targets(IC50)	Others,Drug Metabolite

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8877 mL	14.4383 mL	28.8767 mL
5 mM	0.5775 mL	2.8877 mL	5.7753 mL
10 mM	0.2888 mL	1.4438 mL	2.8877 mL
50 mM	0.0578 mL	0.2888 mL	0.5775 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

Roosemalen, M.C.M., Soons, P.A., Funaki, T., et al.High-performance liquid chromatographic determination of the polar metabolites of nifedipine in plasma, blood and urine]. *Chromatogr.*565(1-2)516-522(1991)

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