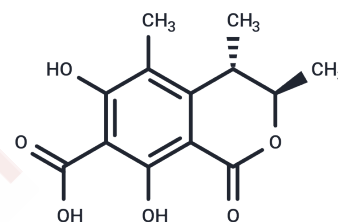


Dihydrocitrinone

Chemical Properties

CAS No. :	65718-85-6
Formula:	C ₁₃ H ₁₄ O ₆
Molecular Weight:	266.25
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	Dihydrocitrinone is an organic compound belonging to the m-phthalate ester class and structurally characterized by a benzene-1,3-dicarboxylic acid-derived scaffold, with the specific moiety described as 3,4-dihydro-6,8-dihydroxy-3,4,5-trimethyl-isocoumarin-7-carboxylic acid. Dihydrocitrinone is effectively neutral due to its very weak basicity and has been detected in human blood as an exposure biomarker rather than an endogenous metabolite, appearing exclusively in individuals exposed to industrial or environmental chemicals.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7559 mL	18.7793 mL	37.5587 mL
5 mM	0.7512 mL	3.7559 mL	7.5117 mL
10 mM	0.3756 mL	1.8779 mL	3.7559 mL
50 mM	0.0751 mL	0.3756 mL	0.7512 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.

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