

Amcinonide

Chemical Properties

CAS No. : 51022-69-6

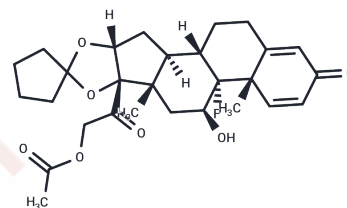
Formula: C₂₈H₃₅FO₇

Molecular Weight: 502.57

Store at low temperature

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	Amcinonide (CL-34699) is a Corticosteroid. The mechanism of action of amcinonide is as a Corticosteroid Hormone Receptor Agonist.
Targets(IC50)	Glucocorticoid Receptor,Annexin A,NO Synthase,Interleukin,TNF

Solubility Information

Solubility	DMSO: 250 mg/mL (497.44 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2.5 mg/mL (4.97 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9898 mL	9.9489 mL	19.8977 mL
5 mM	0.398 mL	1.9898 mL	3.9795 mL
10 mM	0.199 mL	0.9949 mL	1.9898 mL
50 mM	0.0398 mL	0.199 mL	0.398 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

Grossman R, et al. Ann N Y Acad Sci. 2006 Jul;1071:410-21.

Zeng X, Zhu S, Lu W, et al. Target identification among known drugs by deep learning from heterogeneous networks. Chemical Science. 2020, 11(7): 1775-1797.

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