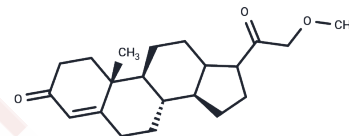


Hydrocortisone sodium succinate

Chemical Properties

CAS No. :	125-04-2
Formula:	C ₂₅ H ₃₄ NaO ₈
Molecular Weight:	485.529
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	Hydrocortisone sodium succinate is a glucocorticoid which is used to alleviate allergic reactions, particularly those of the skin and gums.
Targets(IC50)	Glucocorticoid Receptor,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0596 mL	10.298 mL	20.596 mL
5 mM	0.4119 mL	2.0596 mL	4.1192 mL
10 mM	0.206 mL	1.0298 mL	2.0596 mL
50 mM	0.0412 mL	0.206 mL	0.4119 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

- Davoudi Z, Rabiee M, Houshmand B, Eslahi N, Khoshroo K, Rasouljanboroujeni M, Tahriri M, Tayebi L. Development of chitosan/gelatin/keratin composite containing hydrocortisone sodium succinate as a buccal mucoadhesive patch to treat desquamative gingivitis. *Drug Dev Ind Pharm.* 2018 Jan;44(1):40-55. doi: 10.1080/03639045.2017.1371738. Epub 2017 Sep 13. PubMed PMID: 28832260.
- Dong K, Zhang H, Yan Y, Sun J, Dong Y, Wang K, Zhang L, Shi X, Xing J. Improvement of side-effects and treatment on the experimental colitis in mice of a resin microcapsule-loading hydrocortisone sodium succinate. *Drug Dev Ind Pharm.* 2017 Mar;43(3):448-457. doi: 10.1080/03639045.2016.1258410. Epub 2016 Nov 21. PubMed PMID: 27819157.
- Calogiuri GF, Nettis E, Di Leo E, Muratore L, Ferrannini A, Vacca A. Long-term selective IgE-mediated hypersensitivity to hydrocortisone sodium succinate. *Allergol Immunopathol (Madr).* 2013 May-Jun;41(3):206-8. doi: 10.1016/j.aller.2012.02.003. Epub 2012 Sep 19. PubMed PMID: 22999788.

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