

Anecortave Acetate

Chemical Properties

CAS No.:	7753-60-8
Formula:	C ₂₃ H ₃₀ O ₅
Molecular Weight:	386.48
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Anecortave Acetate, an angiostatic steroid, is used for proteomics research.
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Solubility Information

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

	1mg	5mg	10mg
1 mM	2.587 mL	12.937 mL	25.875 mL
5 mM	0.517 mL	2.587 mL	5.175 mL
10 mM	0.259 mL	1.294 mL	2.587 mL
50 mM	0.052 mL	0.259 mL	0.517 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Shepard AR, Conrow RE, Pang IH, Jacobson N, Rezwan M, Rutschmann K, Auerbach D, Sriramaratnam R, Cornish VW. Identification of PDE6D as a molecular target of anecortave acetate via a methotrexate-anchored yeast three-hybrid screen. *ACS Chem Biol*. 2013 Mar 15;8(3):549-58. doi: 10.1021/cb300296m. Epub 2013 Jan 9. PubMed PMID: 23301619.
2. Stalmans I, Callanan DG, Dirks MS, Moster MR, Robin AL, Van Calster J, Scheib SA, Dickerson JE Jr, Landry TA, Bergamini MV. Treatment of steroid-induced elevated intraocular pressure with anecortave acetate: a randomized clinical trial. *J Ocul Pharmacol Ther*. 2012 Dec;28(6):559-65. doi: 10.1089/jop.2012.0063. Epub 2012 Aug 3. PubMed PMID: 22860637; PubMed Central PMCID: PMC3505827.
3. Missel P, Chastain J, Mitra A, Kompella U, Kansara V, Duvvuri S, Amrite A, Cheruvu N. In vitro transport and partitioning of AL-4940, active metabolite of angiostatic agent anecortave acetate, in ocular tissues of the posterior segment. *J Ocul Pharmacol Ther*. 2010 Apr;26(2):137-46. doi: 10.1089/jop.2009.0132. PubMed PMID: 20415622; PubMed Central PMCID: PMC3158576.
4. Bajenaru ML, Piña Y, Murray TG, Cebulla CM, Feuer W, Jockovich ME, Marin Castaño ME. Gelatinase expression in retinoblastoma: modulation of LH(BETA)T(AG) retinal tumor development by anecortave acetate. *Invest Ophthalmol Vis Sci*. 2010 Jun;51(6):2860-4. doi: 10.1167/iovs.09-4500. Epub 2010 Jan 27. PubMed PMID: 20107171; PubMed Central PMCID: PMC2891454.

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