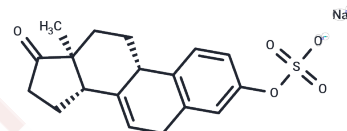


Conjugated Estrogen sodium

Chemical Properties

CAS No. :	12126-59-9
Formula:	C ₁₈ H ₁₉ NaO ₅ S
Molecular Weight:	370.39
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	Conjugated estrogens are medicine that contains a mixture of estrogen hormones. It is used to treat moderate to severe hot flashes, changes in and around the vagina, and other symptoms of menopause or low amounts of estrogen. Conjugated estrogens tablet is also used to treat symptoms of breast and prostate cancer that have spread through the body in men and women.
Targets(IC50)	Estrogen Receptor/ERR,Others

Solubility Information

Solubility	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	2.6999 mL	13.4993 mL	26.9986 mL
5 mM	0.540 mL	2.6999 mL	5.3997 mL
10 mM	0.270 mL	1.3499 mL	2.6999 mL
50 mM	0.054 mL	0.270 mL	0.540 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

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Pinkerton JV, Harvey JA, Lindsay R, Pan K, Chines AA, Mirkin S, Archer DF; SMART-5 Investigators. Effects of bazedoxifene/conjugated estrogens on the endometrium and bone: a randomized trial. *J Clin Endocrinol Metab*. 2014 Feb;99(2):E189-98. doi: 10.1210/jc.2013-1707. Epub 2014 Jan 17. PubMed PMID: 24438370.

Levy MJ, Boyne MT 2nd, Rogstad S, Skanchy DJ, Jiang X, Geerlof-Vidavsky I. Marketplace Analysis of Conjugated Estrogens: Determining the Consistently Present Steroidal Content with LC-MS. *AAPS J*. 2015 Nov;17(6):1438-45. doi: 10.1208/s12248-015-9805-x. Epub 2015 Aug 5. PubMed PMID: 26242210; PubMed Central PMCID: PMC4627451.

Conjugated estrogens/bazedoxifene (Duavee) for menopausal symptoms and prevention of osteoporosis. *Med Lett Drugs Ther*. 2014 Apr 28;56(1441):33-4. PubMed PMID: 24759293.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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