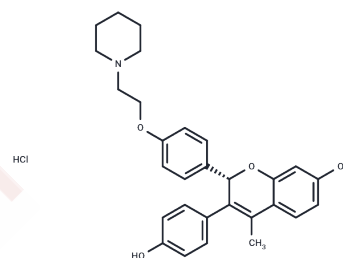


Acolbifene Hydrochloride

Chemical Properties

CAS No. :	252555-01-4
Formula:	C ₂₉ H ₃₂ ClNO ₄
Molecular Weight:	494.02
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	Acolbifene hydrochloride binds to estrogen receptors in the body. It is a type of selective estrogen receptor modulator
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0242 mL	10.121 mL	20.2421 mL
5 mM	0.4048 mL	2.0242 mL	4.0484 mL
10 mM	0.2024 mL	1.0121 mL	2.0242 mL
50 mM	0.0405 mL	0.2024 mL	0.4048 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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- Gutman M, Couillard S, Roy J, Labrie F, Candas B, Labrie C. Comparison of the effects of EM-652 (SCH57068), tamoxifen, toremifene, droloxifene, idoxifene, GW-5638 and raloxifene on the growth of human ZR-75-1 breast tumors in nude mice. *Int J Cancer.* 2002 May 10;99(2):273-8. PubMed PMID: 11979444.
- Gajdos C, Jordan VC. Selective estrogen receptor modulators as a new therapeutic drug group: concept to reality in a decade. *Clin Breast Cancer.* 2002 Jan;2(4):272-81. Review. PubMed PMID: 11899358.
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