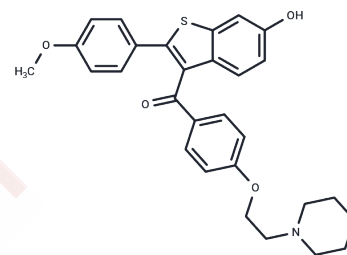


Raloxifene 4-Monomethyl Ether

Chemical Properties

CAS No. :	185415-07-0
Formula:	C29H29NO4S
Molecular Weight:	487.61
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	Raloxifene 4-Monomethyl Ether (Compound 37) is a Raloxifene derivative that inhibits estrogen receptor α , suppressing MCF-7 cell activity with an IC50 of 1 μ M and a pIC50 of 6.
Targets(IC50)	Estrogen Receptor/ERR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0508 mL	10.2541 mL	20.5082 mL
5 mM	0.4102 mL	2.0508 mL	4.1016 mL
10 mM	0.2051 mL	1.0254 mL	2.0508 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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

Chang YH, et al. Computational study of estrogen receptor- α antagonist with three-dimensional quantitative structure-activity relationship, support vector regression, and linear regression methods. Int J Med Chem. 2013; 2013:743139.

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