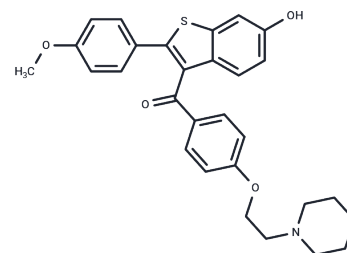


Raloxifene 4-Monomethyl Ether

Chemical Properties

CAS No. : 185415-07-0
Formula: C₂₉H₂₉NO₄S
Molecular Weight: 487.61
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Raloxifene 4-Monomethyl Ether (Compound 37) is a derivative of Raloxifene which acts as an inhibitor of estrogen receptor α . It effectively suppresses the activity of MCF-7 cells, exhibiting an IC ₅₀ value of 1 μ M and a pIC ₅₀ value of 6.
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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.

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;

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