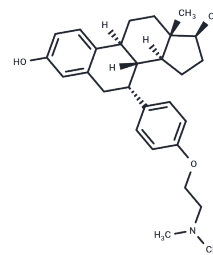


RU 45144

## Chemical Properties

CAS No. : 119286-92-9  
 Formula: C<sub>28</sub>H<sub>37</sub>NO<sub>3</sub>  
 Molecular Weight: 435.6  
 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	RU 45144 is an estradiol derivative with antiestrogenic activity.
Targets(IC50)	CaMK, Estrogen Receptor/ERR, Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2957 mL	11.4784 mL	22.9568 mL
5 mM	0.4591 mL	2.2957 mL	4.5914 mL
10 mM	0.2296 mL	1.1478 mL	2.2957 mL
50 mM	0.0459 mL	0.2296 mL	0.4591 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

Bouhoute A, Leclercq G. Estradiol derivatives bearing the side-chain of tamoxifen antagonize the association between the estrogen receptor and calmodulin. *Biochem Pharmacol.* 1994 Feb 11;47(4):748-51. PubMed PMID: 8129752.

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