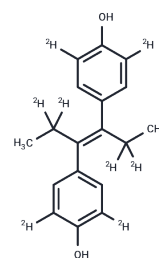


Trans-Diethyl-1,1,1',1'-Stilbestrol-3,3',5,5'-D8

Chemical Properties

CAS No. :	91318-10-4
Formula:	C ₁₈ H ₁₂ D ₈ O ₂
Molecular Weight:	276.40
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	Trans-Diethyl-1,1,1',1'-Stilbestrol-3,3',5,5'-D8 is a deuterated compound of Trans-Diethyl-Stilbestrol. Trans-Diethyl-Stilbestrol has a CAS number of 56-53-1. Diethylstilbestrol is used in the treatment of menopausal and postmenopausal disorders.
Targets(IC50)	Estrogen Receptor/ERR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6179 mL	18.0897 mL	36.1795 mL
5 mM	0.7236 mL	3.6179 mL	7.2359 mL
10 mM	0.3618 mL	1.809 mL	3.6179 mL
50 mM	0.0724 mL	0.3618 mL	0.7236 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

Tremblay GB, et al. Genes Dev,2001, 15(7), 833-838.

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