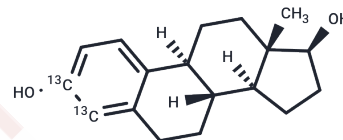


17beta-Estradiol-13C2

Chemical Properties

CAS No. :	82938-05-4
Formula:	13C2C16H24O2
Molecular Weight:	274.37
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	17beta-Estradiol-13C2 is the 13C labeled compound of 17beta-Estradiol. 17beta-Estradiol (T1048) has a CAS number of 50-28-2. Estradiol is an Estrogen. The mechanism of action of estradiol is as an Estrogen Receptor Agonist.
Targets(IC50)	Estrogen Receptor/ERR,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6447 mL	18.2236 mL	36.4471 mL
5 mM	0.7289 mL	3.6447 mL	7.2894 mL
10 mM	0.3645 mL	1.8224 mL	3.6447 mL
50 mM	0.0729 mL	0.3645 mL	0.7289 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

Woolley CS, et al. J Neurosci, 1997, 17(5), 1848-1859.

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