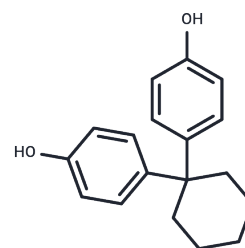


Bisphenol Z

Chemical Properties

CAS No. :	843-55-0
Formula:	C18H20O2
Molecular Weight:	268.35
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	Bisphenol Z is a bisphenol compound and high-performance monomer used in the production of advanced engineering plastics, resins, polycarbonates, optical films, and more. It exhibits antagonistic activity towards ER α (Estrogen receptor α) with an IC50 of 0.52 μ M.
Targets(IC50)	Estrogen/progestogen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7265 mL	18.6324 mL	37.2648 mL
5 mM	0.7453 mL	3.7265 mL	7.453 mL
10 mM	0.3726 mL	1.8632 mL	3.7265 mL
50 mM	0.0745 mL	0.3726 mL	0.7453 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

Russak, et al. Impact of deuterium substitution on the pharmacokinetics of pharmaceuticals. *Annals of Pharmacotherapy* 53.2 (2019): 211-236.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481