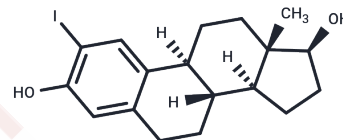


2-Iodoestradiol

Chemical Properties

CAS No. :	24381-12-2
Formula:	C ₁₈ H ₂₃ IO ₂
Molecular Weight:	398.28
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	2-Iodoestradiol is an effective human sex hormone-binding globulin (SHBG) ligand.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5108 mL	12.554 mL	25.108 mL
5 mM	0.5022 mL	2.5108 mL	5.0216 mL
10 mM	0.2511 mL	1.2554 mL	2.5108 mL
50 mM	0.0502 mL	0.2511 mL	0.5022 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

- Fernlund P, Gershagen S. 2-Iodoestradiol binds with high affinity to human sex hormone binding globulin (SHBG). J Steroid Biochem. 1990 Jun;36(1-2):75-81. PubMed PMID: 2362451.
- Ali H, Ghaffari MA, van Lier JE. Regioselective A-ring iodination of estradiol diacetates. J Steroid Biochem. 1987 Jul; 28(1):21-3. PubMed PMID: 3613574.

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