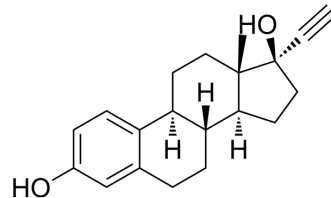


## Ethinylestradiol (Standard)

Cat. No.:	HY-B0216R
CAS No.:	57-63-6
Molecular Formula:	C <sub>20</sub> H <sub>24</sub> O <sub>2</sub>
Molecular Weight:	296.4
Target:	Estrogen Receptor/ERR; Endogenous Metabolite
Pathway:	Vitamin D Related/Nuclear Receptor; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (843.45 mM; Need ultrasonic)  
 H<sub>2</sub>O : < 0.1 mg/mL (ultrasonic;warming;heat to 80°C) (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	3.3738 mL	16.8691 mL	33.7382 mL
	5 mM	0.6748 mL	3.3738 mL	6.7476 mL	
	10 mM	0.3374 mL	1.6869 mL	3.3738 mL	

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Ethinyl Estradiol (Standard) is the analytical standard of Ethinyl Estradiol. This product is intended for research and analytical applications.

#### IC<sub>50</sub> & Target

Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Cells. 2022, 11(3), 319.
- Preprints. 2024 Jan 29.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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