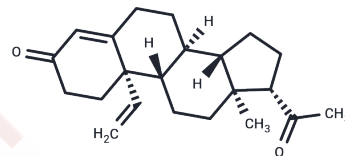


Org OD 02-0

Chemical Properties

CAS No. : 13258-85-0
 Formula: C₂₂H₃₀O₂
 Molecular Weight: 326.47
 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	10-Ethenyl-19-norprogesterone (Org OD 02-0) is a selective agonist for the membrane progesterone receptor α (mPR α) with an IC ₅₀ of 33.9 nM, known to activate MAPK activity, and inhibit prolactin (PRL) secretion in the pituitary [1] [2].
Targets(IC ₅₀)	p38 MAPK, Progesterone Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0631 mL	15.3153 mL	30.6307 mL
5 mM	0.6126 mL	3.0631 mL	6.1261 mL
10 mM	0.3063 mL	1.5315 mL	3.0631 mL
50 mM	0.0613 mL	0.3063 mL	0.6126 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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