

## Estrogen receptor antagonist 7

## Chemical Properties

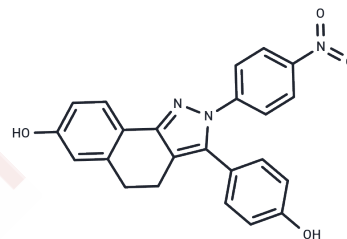
CAS No. : 2889371-04-2

Formula: C<sub>23</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight: 399.4

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	Estrogen Receptor Antagonist 7 (Compound 13) is a potent antagonist of estrogen receptors (ER), demonstrating antiproliferative effects against breast and ovarian cancer cells, along with anticancer and anti-uterotrophic activities [1].
Targets(IC50)	Estrogen Receptor/ERR,Others
In vitro	Estrogen receptor antagonist 7 (compound 13) exhibits antiproliferative activity against MCF-7, T-47D, and SKOV-3 cell lines with IC50 values of 7.2 μM, 11.71 μM, and 29.8 μM, respectively [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5038 mL	12.5188 mL	25.0376 mL
5 mM	0.5008 mL	2.5038 mL	5.0075 mL
10 mM	0.2504 mL	1.2519 mL	2.5038 mL
50 mM	0.0501 mL	0.2504 mL	0.5008 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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