

LSD1/ER-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>23</sub>H<sub>18</sub>FNO<sub>6</sub>S

Molecular Weight: 455.46

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	LSD1/ER-IN-1 (compound 11g) is a potent inhibitor of ER and LSD1, targeting LSD1 with an IC <sub>50</sub> of 1.55 μM and exhibiting significant anti-proliferative effects on MCF-7 breast cancer cells with an IC <sub>50</sub> of 8.79 μM.
Targets(IC <sub>50</sub> )	Apoptosis,Estrogen Receptor/ERR,Histone Demethylase,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1956 mL	10.9779 mL	21.9558 mL
5 mM	0.4391 mL	2.1956 mL	4.3912 mL
10 mM	0.2196 mL	1.0978 mL	2.1956 mL
50 mM	0.0439 mL	0.2196 mL	0.4391 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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