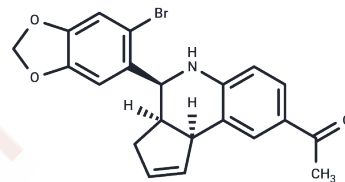


LNS8801

## Chemical Properties

CAS No. : 925419-55-2  
 Formula: C<sub>21</sub>H<sub>18</sub>BrNO<sub>3</sub>  
 Molecular Weight: 412.277  
 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	LNS8801 is an orally active agonist of the G protein-coupled estrogen receptor (GPER). By activating GPER, LNS8801 mediates downstream signaling pathways, such as promoting cAMP production and activating CREB signaling, which results in antitumor activities like inhibiting tumor cell proliferation, inducing cell differentiation, and enhancing tumor immunogenicity. It is applicable in research across various cancers, such as melanoma, pancreatic cancer, colorectal cancer, and lung cancer, as well as studies exploring the role of GPER in normal physiological and pathological processes.
Targets(IC50)	Estrogen Receptor/ERR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4255 mL	12.1277 mL	24.2554 mL
5 mM	0.4851 mL	2.4255 mL	4.8511 mL
10 mM	0.2426 mL	1.2128 mL	2.4255 mL
50 mM	0.0485 mL	0.2426 mL	0.4851 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**

*This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use*

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