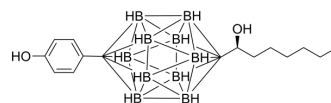


## OSU-ERb-12

Cat. No.:	HY-161253
CAS No.:	2088837-20-9
Molecular Formula:	C <sub>15</sub> H <sub>30</sub> B <sub>10</sub> O <sub>2</sub>
Molecular Weight:	350.51
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

OSU-ERb-12 is a ERβ agonist, and suppress ovarian cancer cell proliferation in vitro and in vivo. OSU-ERb-12 decreases the expression of Snail<sup>[1][2]</sup>.

### REFERENCES

- [1]. Sedláč D, et al. Structure-Activity Relationship of para-Carborane Selective Estrogen Receptor β Agonists. *J Med Chem.* 2021;64(13):9330-9353.
- [2]. Banerjee A, et al. A Novel Estrogen Receptor β Agonist Diminishes Ovarian Cancer Stem Cells via Suppressing the Epithelial-to-Mesenchymal Transition. *Cancers (Basel).* 2022;14(9):2311. Published 2022 May 6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA