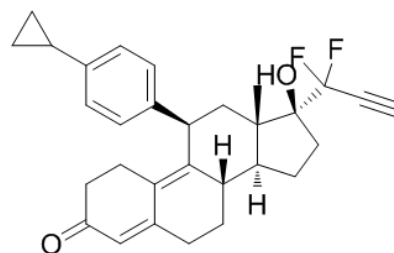


**Product Name** : EC330  
**Cat. No.** : PC-42293  
**CAS No.** : 2016795-77-8  
**Molecular Formula** : C<sub>30</sub>H<sub>32</sub>F<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 462.5706864  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

EC330 (EC-330, EC 330) is a first-in-class **LIF (leukemia inhibitory factor)** inhibitor; shows cytotoxicity in various cancer cell line and NCI-60 cell line panel at low nano-molar range; reduces tumor burden in ovarian (IGROV-1) and triple negative breast cancer (MDA-MB-231) cell xenografted mouse models as well as MDA-MB-231 PDX models; orally bioavailable.

## References

Nair HB, et al. Discovery and preclinical pharmacology of EC330: A first-in-class leukemia inhibitory factor (LIF) inhibitor.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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