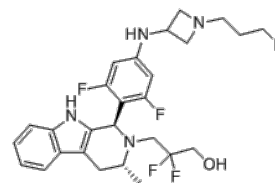


**Product Name** : Giredestrant  
**Cat. No.** : PC-72786  
**CAS No.** : 1953133-47-5  
**Molecular Formula** : C<sub>27</sub>H<sub>31</sub>F<sub>5</sub>N<sub>4</sub>O  
**Molecular Weight** : 522.564  
**Target** : Estrogen Receptor/ERR  
**Solubility** : 10 mM in DMSO (5.2 mg/mL)



## Biological Activity

GDC-9545 (Giredestrant) is an efficient and potent selective **estrogen receptor** degrader (SERD) and a full antagonist. GDC-9545 exhibited better antiproliferation activity than known SERDs across multiple cell lines. GDC-9545 exhibits low drug-drug interaction liability and demonstrates excellent in vitro and in vivo safety profiles. GDC-9545 induced tumor regressions either as a single agent or in combination with a CDK4/6 inhibitor in an ESR1Y537S mutant PDX or a wild-type ERα tumor model.

## References

Liang J, et al. *J Med Chem.* 2021 Aug 26;64(16):11841-11856.

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

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