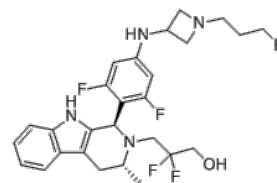


Product Name : GDC-9545
Cat. No. : PC-72786
CAS No. : 1953133-47-5
Molecular Formula : C₂₇H₃₁F₅N₄O
Molecular Weight : 522.564
Target : Estrogen Receptor/ERR
Solubility : 10 mM in DMSO (5.2 mg/mL)



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 ER α 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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