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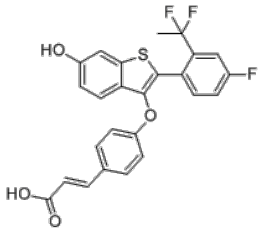
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	LSZ102
Cat. No.	:	PC-63293
CAS No.	:	2135600-76-7
Molecular Formula	:	$C_{25}H_{17}F_3O_4S$
Molecular Weight	:	470.462
Target	:	Estrogen Receptor/ERR
Solubility	:	10 mM in DMSO



Biological Activity

LSZ102 is a potent, orally bioavailable, selective estrogen receptor degrader (**SERD**) with ERα transcription IC50 of 6 nM and ERα degradation IC50 of 0.2 nM.
LSZ102 robustly causes inhibition of cell proliferation in MCF-7 cells with IC50 of 1.7 nM, inhibits the mRNA level of canonical endogenous ER target gene GREB1 with IC50 of 8.9 nM.
LSZ102 demonstrates anti-tumor efficacy in the ER+ human breast cancer MCF-7 xenograft model (10 mg/kg).

References

Tria GS, et al. ***J Med Chem.*** 2018 Apr 12;61(7):2837-2864.

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