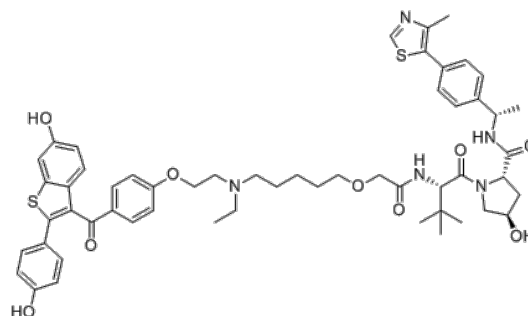


Product Name : ERD-308
Cat. No. : PC-73165
CAS No. : 2320561-35-9
Molecular Formula : C₅₅H₆₅N₅O₉S₂
Molecular Weight : 1004.26
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

ERD-308 (ERD308) is a highly potent estrogen receptor (**ER**) **PROTAC** degrader with DC50 of 0.17 and 0.43 nM in MCF-7 and T47D ER+ breast cancer cell lines, respectively.
 ERD-308 induces >95% of ER degradation at concentrations as low as 5 nM in MCF-7 and T47D ER+ breast cancer cell lines.
 ERD-308 induces more complete ER degradation than fulvestrant, the only approved selective ER degrader (SERD), and is more effective in inhibition of cell proliferation than fulvestrant in MCF-7 cells.

References

Jiantao Hu, et al. *J Med Chem*. 2019 Feb 14;62(3):1420-1442.

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

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