

ER degrader 7

Chemical Properties

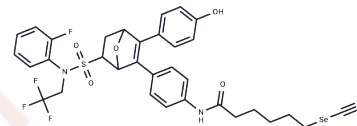
CAS No. : 2922929-63-1

Formula: C₃₃H₃₁F₄N₃O₅Se

Molecular Weight: 736.63

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	ER degrader 7 (Compound 35t) is a selective degrader of both ER α and ER β and functions as a tubulin polymerization inhibitor. It inhibits cell viability with IC ₅₀ values of 0.06 μ M for MCF-7, 2.56 μ M for T47D, 15.84 μ M for MCF-10A, 1.59 μ M for LCC2, 1.67 μ M for T47D D538G, and 1.37 μ M for T47D Y537S cells. Additionally, ER degrader 7 demonstrates efficacy in suppressing breast cancer tumor growth [1].
Targets(IC50)	Estrogen Receptor/ERR,Others,Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3575 mL	6.7877 mL	13.5753 mL
5 mM	0.2715 mL	1.3575 mL	2.7151 mL
10 mM	0.1358 mL	0.6788 mL	1.3575 mL
50 mM	0.0272 mL	0.1358 mL	0.2715 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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