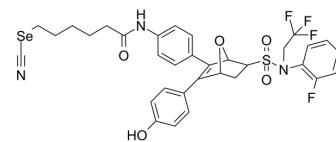


ER degrader 7

Cat. No.:	HY-155197
CAS No.:	2922929-63-1
Molecular Formula:	C ₃₃ H ₃₁ F ₄ N ₃ O ₅ SSe
Molecular Weight:	736.63
Target:	Microtubule/Tubulin; Estrogen Receptor/ERR
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ER degrader 7 (Compound 35t) is an ER α and ER β degrader. ER degrader 7 inhibits tubulin polymerization. ER degrader 7 inhibits cell viability with IC₅₀s of 0.06, 2.56, 15.84, 1.59, 1.67, 1.37 μ M for MCF-7, T47D, MCF-10A, LCC2, T47D D538G, and T47D Y537S cells respectively. ER degrader 7 also inhibits breast cancer tumor growth^[1].

REFERENCES

[1]. Deng X, et al. Identification of Novel Dual-Target Estrogen Receptor α Degraders with Tubulin Inhibitory Activity for the Treatment of Endocrine-Resistant Breast Cancer. *J Med Chem.* 2023 Aug 24;66(16):11094-11117.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA