

ERD-3111

Chemical Properties

CAS No. : 2832865-25-3

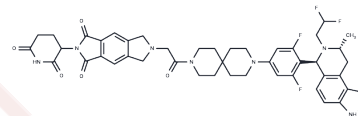
Formula: C45H46F4N8O5

Molecular Weight: 854.89

Keep away from direct sunlight

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	ERD-3111 (Compound 44), an orally active PROTAC ER α degrader (DC50: 0.5 nM), exhibits efficacy in inhibiting tumor growth in both the parental MCF-7 xenograft model harboring wild-type ER and two ESR1-mutated mouse models. This compound has utility in the investigation of ER+ breast cancer [1].
Targets(IC50)	Estrogen Receptor/ERR,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1697 mL	5.8487 mL	11.6974 mL
5 mM	0.2339 mL	1.1697 mL	2.3395 mL
10 mM	0.117 mL	0.5849 mL	1.1697 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481