

ERalpha degrader-2 Biochemical

ERalpha degrader-2

CATALOG #
AAA228234

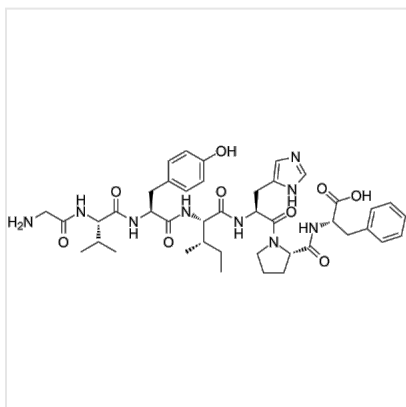
PRODUCT SYNONYMS

ERalpha degrader-2; ERalpha degrader-2 biochemical

PRODUCT SPECIFICATIONS

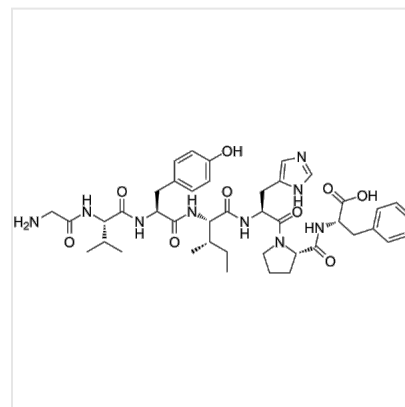
Purity/Purification	98%
CAS	2235396-63-9
Targets&IC50	ERalpha:4.6 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	ERalpha degrader-2 (oral administration; 2-6 mg/kg; QD; 21 days) leads to the significant tumor growth inhibition and decreases tumor volume in mice[1]. ERalpha degrader-2 (oral gavage; 2 mg/kg; single dose) possesses better pharmacokinetic properties than AZD9496, the plasma exposure (AUC) is 16073.7 h/ng/mL, and the half-life period is 12.1 h, the oral availability is 80.5%[1]. Animal Model: MCF-7 human breast cancer xenograft model in nude mice[1]. Dosage: 2 mg/kg; 6 mg/kg. Administration: Oral administration; 2-6 mg/kg; QD; 21 days. Result: Exhibited in vivo efficacy in breast cancer xenograft model.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure

TRV055, CAS 25849-90-5



Structure

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ADDITIONAL INFORMATION

Related Product Information for ERalpha degrader-2 biochemical	ERalpha degrader-2 is a selective estrogen receptor degrader (SERD) with potent binding affinity with ERalpha (IC ₅₀ =17.1 nM), good degradation efficacy (EC ₅₀ =0.3 nM). ERalpha degrader-2 exhibits favorable pharmacokinetic properties and excellent druggability, can be used for HER + breast cancer research.
References	1. Laura M Wingler, et al. Angiotensin Analogs with Divergent Bias Stabilize Distinct Receptor Conformations. Cell. 2019 Jan 24;176(3):468-478.e11.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/eralpha-degrader-2/228234>