

EW-7195 biochemical

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CATALOG #
AAA227610

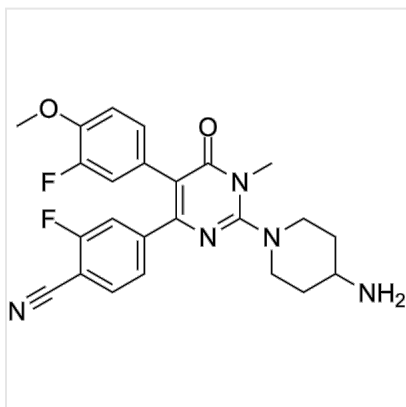
PRODUCT SYNONYMS

EW-7195; LSD1-IN-7; CC-90011; EW-7195 biochemical

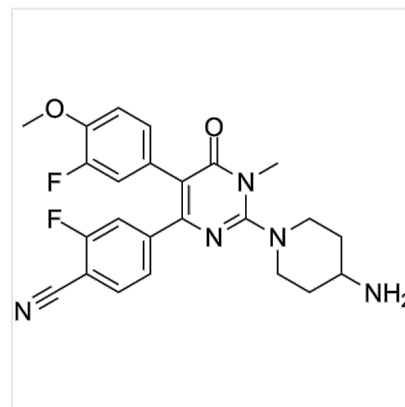
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1352609-28-9
Targets&IC50	ALK5:4.83 nM (IC50), p38alpha:1.5 uM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	EW7195 (40 mg/kg; i.p.; three times a week for 3/2.5 weeks) inhibits lung metastasis development in both 4T1 orthotopic xenograft and MMTV/cNeu transgenic mice[1]. Animal Model: MMTV/c-Neu mice[1]. Dosage: 40 mg/kg. Administration: I.p.; three times a week for 3 weeks. Result: Inhibited the metastasis of breast cancer cells to the lung. Animal Model: Balb/c xenograft model (10-weeks-old female Balb/c mice bearing 4T1 cells)[1]. Dosage: 40 mg/kg. Administration: I.p.; three times a week for 2.5 weeks. Result: Suppressed a lung metastasis in the Balb/c Xenograft model.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Pulrodestat, CAS 1821307-10-1



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ADDITIONAL INFORMATION

Related Product Information for EW-7195 biochemical	EW-7195 is a potent and selective ALK5 (TGFbetaR1) inhibitor with an IC 50 of 4.83 nM. EW-7195 has 300-fold selectivity for ALK5 over p38alpha. EW-7195 efficiently inhibits TGF-beta1-induced Smad signaling, epithelial-to-mesenchymal transition (EMT) and breast tumour metastasis to the lung.
References	1. Toufike Kanouni, et al. Discovery of CC-90011: A Potent and Selective Reversible Inhibitor of Lysine Specific Demethylase 1 (LSD1). J Med Chem. 2020 Dec 10;63(23):14522-14529.

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://www.aaabiotech.com/biochemical/ew-7195/227610>