

Product Data Sheet

Product Name: EPI-7170

Cat. No.: GC73291

Chemical Properties

Cas. No. 2139288-26-7

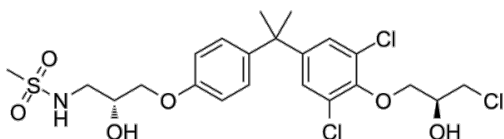
Formula $C_{22}H_{28}Cl_3NO_6S$ M.Wt 540.88

Solubility DMSO : 100 mg/mL (184.88 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

EPI-7170, a ralaniten analogue, is a potent androgen receptor N-terminal structural domain antagonist that blocks the transcriptional activity of full-length AR (FL-AR) and AR splice variants (AR-Vs). EPI-7170 has antitumor effects against enzalutamide resistant castration-resistant prostate cancer (CRPC)^[1].

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

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References:

[1]. Hirayama Y, et al. Combination therapy with androgen receptor N-terminal domain antagonist EPI-7170 and enzalutamide yields synergistic activity in AR-V7-positive prostate cancer. *Mol Oncol.* 2020 Oct;14(10):2455-2470.

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