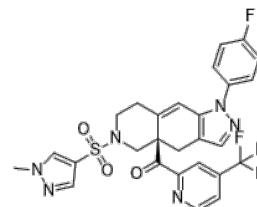


Product Name : Relacorilant
Cat. No. : PC-22512
CAS No. : 1496510-51-0
Molecular Formula : C₂₇H₂₂F₄N₆O₃S
Molecular Weight : 586.57
Target : Glucocorticoid receptor (GR)
Solubility : 10 mM in DMSO



Biological Activity

Relacorilant (CORT125134) is a potent, selective and orally bioavailable glucocorticoid receptor modulator (SGRM) with K_i of 12, 81.2, 210 nM for rat, human and monkey glucocorticoid receptor in cell-based assay.

Relacorilant (CORT125134) has no progesterone receptor activity.

Relacorilant (CORT125134) reverses the glucocorticoid-mediated anti-apoptotic effects and restores the taxane chemosensitivity in epithelial ovarian cancer cells.

Relacorilant (CORT125134) improved the efficacy of paclitaxel and the potency of platinum agents in OVCAR5 cell line.

Relacorilant (CORT125134) increased tumor-cell apoptosis when combined with paclitaxel in multiple models including MIA PaCa-2, HeLa, and a cholangiocarcinoma patient-derived xenograft.

References

Pivonello R, et al. *Front Endocrinol (Lausanne)*. 2021 Jul 14;12:662865.

Greenstein AE, et al. *Oncotarget*. 2021 Jun 22;12(13):1243-1255.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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