
Product Data Sheet

Product Name: ORIC-101

Cat. No.: GC65370

Chemical Properties

Cas. No. 2222344-98-9

Formula C₃₄H₄₇NO₂

M.Wt 501.74

Solubility DMSO : \geq 100 mg/mL (199.31 mM)

Storage Store at -20°C

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**

ORIC-101 is a highly potent and selective glucocorticoid receptor antagonist, with an EC₅₀ of 5.6 nM. Anti-cancer activity.

ORIC-101 shows markedly reduced androgen receptor agonism (EC₅₀, 2500 nM) and CYP2C8 and CYP2C9 inhibition profiles (IC₅₀, >10 μ M)[1]. ORIC-101 (1-1000 nM) dose-dependently reduces the expression of n GR-mediated target gene (FKBP5 and GILZ), with IC₅₀s of 17.2 and 21.2 nM, respectively[1].

ORIC-101 (75 mg/kg, P.O. twice a day for 16-22 days) enhances the anti-tumor activity in combination with gemcitabine and carboplatin in OVCAR5 xenograft tumor in cortisol-treated mice[1].

[1]. Rew Y, et al. Discovery of a Potent and Selective Steroidal Glucocorticoid Receptor Antagonist (ORIC-101). J Med Chem. 2018 Sep 13;61(17):7767-7784.

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

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