

Product Name	: ORIC-101
Synonyms	: ORIC101; ORIC 101
Cat No.	: M13546
CAS Number	: 2222344-98-9
Molecular Formula	: C ₃₄ H ₄₇ NO ₂
Formula Weight	: 501.76
Chemical Name	: (8R,9S,10R,11S,13S,14S,17S)-17-(3,3-Dimethylbut-1-yn-1-yl)-17-hydroxy-11-(4-(isopropyl(methyl)amino)phenyl)-13-methyl-1,2,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-3H-cyclopenta[a]phenanthren-3-one
Description	ORIC-101 (ORIC101) is a highly potent, selective steroidal glucocorticoid receptor (GR) antagonist (IC₅₀=5.6 nM) with reduced androgen receptor (AR) agonistic activity; dose-dependently reduces the expression levels of two established GR target genes, GILZ and FKBP5 with IC₅₀ of 24.9 and 19.5 nM in human PBMCs; demonstrates in vivo antitumor activity by enhancing response to chemotherapy in the GR+ OVCAR5 ovarian cancer xenograft model. Ovarian Cancer Phase 1 Clinical
Pathway	: Endocrinology/Hormones
Target	: GR
Receptor	: GR
Solubility	: —
SMILES	: <chem>O=C1CC[C@]2([H])[C@@]3([H])[C@@H](C4=CC=C(N(C(C)C)C)C=C4)C[C@]5(C)[C@](O)(C#CC(C)(C)C)CC[C@@]5([H])[C@]3([H])CCC2=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Rew Y, et al. J Med Chem. 2018 Aug 9. doi: 10.1021/acs.jmedchem.8b00743.

