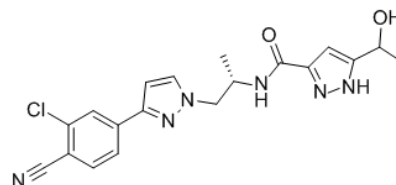


Product Name : ODM-201
Cat. No. : PC-45113
CAS No. : 1297538-32-9
Molecular Formula : C₁₉H₁₉ClN₆O₂
Molecular Weight : 398.8462
Target : Androgen Receptor (AR)
Solubility : DMSO: ≥ 44 mg/mL



Biological Activity

ODM-201 (BAY-1841788, Darolutamide) is a potent wt/mutant **androgen receptor (AR)** inhibitor with K_i of 11 nM. ODM-201 inhibits wtAR/AR(F876L) with IC₅₀ of 65/66 nM respectively, weak inhibition on AR(W741L) and AR(T877A). ODM-201 inhibits the nuclear translocation of AR and more efficaciously than enzalutamide or ARN-509 in VCaP cell line proliferation assay. ODM-201 reduces the growth of AR-overexpressing VCaP prostate cancer cells both in vitro and in a castration-resistant VCaP xenograft model.

References

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Fizazi K, et al. *Lancet Oncol*. 2014 Aug;15(9):975-85.
Cancer Discov. 2014 Sep;4(9):OF10.

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

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