

Product Data Sheet

Product Name: JZY3221
Cat. No.: GC81355

Chemical Properties

Cas. No.

Formula $C_{19}H_{20}ClN_5O$ M.Wt 369.85

Solubility DMSO: 100 mg/mL (270.38 mM; Storage Store at -20°C
Need ultrasonic)

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.

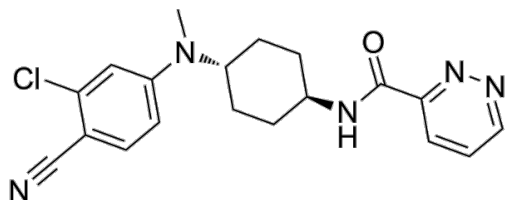
Caution: Product has not been fully validated for medical applications. For research use only.

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Structure



Background

JZY3221 is an androgen receptor (AR) inhibitor. JZY3221 binds to the AR ligand-binding domain to inhibit AR function. JZY3221 constitutes the AR inhibitory moiety of DALTAC JZY3032. JZY3221 is applicable to research related to prostate cancer [1].

In Vitro, JZY3221 exhibits only limited cell growth inhibitory activity in AR-positive 22Rv1 prostate cancer cells[1]. JZY3221 directly binds to purified AR protein [1].

References:

[1]. Luo J, et al. Rewiring Oncogenic Transcriptional Complexes with Domain-ALTeration Chimeras (DALTACs) in Prostate Cancer. bioRxiv [Preprint]. 2026 Apr 28:2026.04.24.720638.

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