

Product Data Sheet

Product Name: Metapristone - RU42633 | Desmethylnifedipristone

Cat. No.: GB40275

Chemical Properties

Cas. No. 104004-96-8

Formula $C_{28}H_{33}NO_2$

M.Wt 415.57

Solubility

Storage

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

Metapristone, the primary metabolite of RU486, suppressed NSCLC proliferation by promoting apoptosis via decrease the cellular EGFR-mediated PI3K/AKT pathways. In addition, metapristone inhibited anti-apoptotic marker Bcl-2, and activated pro-apoptotic key signaling proteins caspase-3, and poly (ADP-ribose) polymerase. Metapristone induced A549 and H1975 cell cycle via arrest at the G0-G1 stage. Moreover, metapristone inhibited endometrial cancer cell growth through suppressing cell proliferation and activating cell apoptosis-related signaling pathway. Mechanically, metapristone

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

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regulated miR-492 and its new target genes Klf5 and Nrf1 in vitro and in vivo to treat endometrial cancer.

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