
Product Data Sheet

Product Name: Rintodestrant

Cat. No.: GC63464

Chemical Properties

Cas. No. 2088518-51-6

Formula C₂₆H₁₉FO₅S M.Wt 462.49

Solubility 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

Rintodestrant (G1T48) is an orally active, non-steroidal and selective estrogen receptor degrader. Rintodestrant (G1T48) is also a CDK4/6 inhibitor[1].

Rintodestrant (G1T48) is a potent and efficacious inhibitor of estrogen-mediated transcription and proliferation in ER-positive breast cancer cells, similar to the pure antiestrogen fulvestrant[1]. Rintodestrant (G1T48) selectively inhibits the growth of ER-positive, but not ER-negative, breast cancer cells[1].

Rintodestrant (G1T48, 30 or 100 mg/kg) inhibits estrogen signaling in endocrine-resistant breast cancer models[1].

[1]. Kaitlyn J Andreano, et al. G1T48, an oral selective estrogen receptor degrader, and the CDK4/6 inhibitor lerociclib inhibit tumor growth in animal models of endocrine-resistant breast cancer. Breast Cancer Res Treat. 2020 Apr;180(3):635-646.

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

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