

Product Data Sheet

Product Name: Epristeride (ONO-9302)

Cat. No.: GC32953

Chemical Properties

Cas. No. 119169-78-7

SMILES C[C@@]12[C@](CC[C@@H]2C(NC(C)(C)C)=O)([H])[C@@]3([H])[C@]([C@@]4(C(C=C(C(O)=O)CC4)=CC3)C)([H])CC1

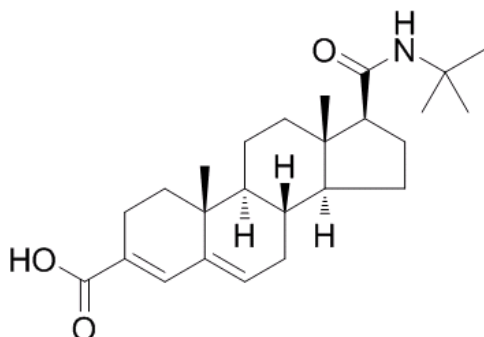
Formula $C_{25}H_{37}NO_3$ M.Wt 399.57

Solubility DMSO: 100 mg/mL (250.27 mM) 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

Epristeride is a novel 5 α -reductase inhibitor that has garnered attention for its potential therapeutic applications in treating conditions linked to androgen excess, such as benign prostatic hyperplasia (BPH) and androgenetic alopecia. By selectively inhibiting the enzyme 5 α -reductase, which converts testosterone into the more potent dihydrotestosterone (DHT), epristeride helps to reduce levels of DHT in the body.

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

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References:

[1]. Qian LH, et al. Inhibition of regrowth of prostatic glandular cells by epristeride. Acta Pharmacol Sin. 2001 Sep;22(9):847-50.

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