
Product Data Sheet

Product Name: (rac)-PF-998425

Cat. No.: GC63292

Chemical Properties

Cas. No. 1076225-26-7

Formula $C_{14}H_{14}F_3NO$

M.Wt 269.26

Solubility DMSO : 100 mg/mL (371.39 mM; Need ultrasonic) 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

(rac)-PF-998425 is a potent, selective, nonsteroidal androgen receptor (AR) antagonist. (rac)-PF-998425 has IC50 values of 26 and 90 nM in the AR binding and cellular assays, respectively. (rac)-PF-998425 has the potential for the research of the androgenetic alopecia[1].

[1]. Li JJ, et al. Rational design and synthesis of 4-((1R,2R)-2-hydroxycyclohexyl)-2-(trifluoromethyl)benzotrile (PF-998425), a novel, nonsteroidal androgen receptor antagonist devoid of phototoxicity for dermatological indications. J Med Chem. 2008;51(21):7010-7014.

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

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