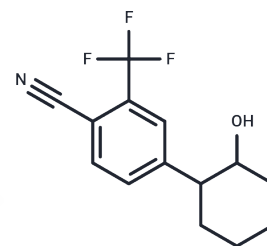


(Rac)-PF-998425

Chemical Properties

CAS No. : 1076225-26-7
 Formula: C₁₄H₁₄F₃NO
 Molecular Weight: 269.267
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	(Rac)-PF-998425 is a potent, selective, nonsteroidal androgen receptor (AR) antagonist with IC ₅₀ values of 26 nM in AR binding assays and 90 nM in cellular assays, respectively. This compound shows promise for investigating androgenetic alopecia.
Targets(IC ₅₀)	Others, Androgen Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7137 mL	18.5687 mL	37.1374 mL
5 mM	0.7427 mL	3.7137 mL	7.4275 mL
10 mM	0.3714 mL	1.8569 mL	3.7137 mL
50 mM	0.0743 mL	0.3714 mL	0.7427 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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