

MK-0773

Catalog No: tcsc1508



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

606101-58-0

Formula:

$C_{27}H_{34}FN_5O_2$

Pathway:

Others

Target:

Androgen Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

PF-05314882

Observed Molecular Weight:

479.59

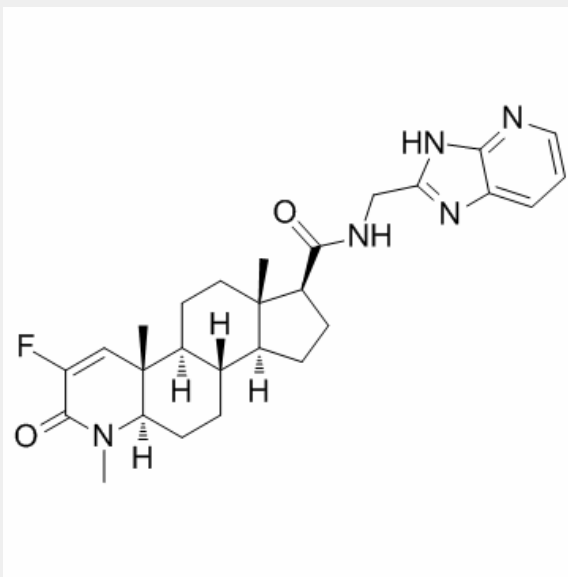
Product Description

MK-0773 is a **selective androgen receptor modulators (SARMs)** that binds to AR with an **IC₅₀** of 6.6 nM.

IC50 & Target: IC50: 6.6 nM (AR)

In Vitro: The IC₅₀ of MK-0773 binding to AR is increased 3.5-fold in the presence of 25% rat serum and 13-fold in the presence of 25% human serum, indicating that it binds to serum proteins. The affinity of MK-0773 for AR across species is evaluated using COS cells transfected with AR, and IC₅₀ values are very similar in four species (rat, 0.50 nM; dog, 0.55 nM; rhesus, 0.45 nM; human, 0.65 nM)^[1].

In Vivo: MK-0773 (6 and 80 mg/kg, s.c.) produces exposure-related stimulatory effects on cortical BFR and LBM in the OVX rat model. MK-0773 (5, 15, and 80 mg/kg, s.c.) increases seminal vesicle weights, and has reduced effects on the prostate. The partial agonism and tissue selectivity of MK-0773 does not translate into differential effects on lipid metabolism in OVX rats^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!