

N-desmethyl Enzalutamide

Catalog No: tcsc2992



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1242137-16-1

Formula:

$C_{20}H_{14}F_4N_4O_2S$

Pathway:

Others

Target:

Androgen Receptor

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 48 mg/mL (106.57 mM)

Alternative Names:

N-desmethyl MDV 3100

Observed Molecular Weight:

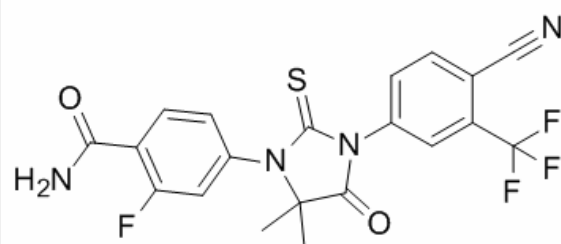
450.41

Product Description

N-desmethyl Enzalutamide is the active metabolite of Enzalutamide. Enzalutamide is an **androgen-receptor (AR)** antagonist with **IC₅₀** of 36 nM in LNCaP cells.

IC50 & Target: Androgen-receptor^[1]

In Vivo: N-desmethyl Enzalutamide is an active metabolite that is thought to contribute to the clinical effects of Enzalutamide because it demonstrates primary and secondary pharmacodynamics of similar potency to Enzalutamide and circulates at approximately the same plasma concentrations as Enzalutamide. The carboxylic acid metabolite is pharmacologically inactive and circulates at approximately 25 % lower plasma concentrations than Enzalutamide^[1].



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