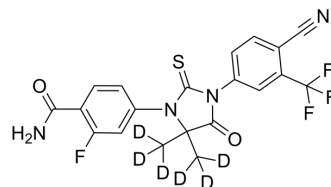


N-desmethyl Enzalutamide-d₆

Cat. No.:	HY-70002AS		
Molecular Formula:	C ₂₀ H ₈ D ₆ F ₄ N ₄ O ₂ S		
Molecular Weight:	456.45		
Target:	Androgen Receptor		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (219.08 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1908 mL	10.9541 mL	21.9082 mL
	5 mM	0.4382 mL	2.1908 mL	4.3816 mL
	10 mM	0.2191 mL	1.0954 mL	2.1908 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N-desmethyl Enzalutamide-d₆ is a deuterium labeled N-desmethyl Enzalutamide. N-desmethyl Enzalutamide is an active metabolite of Enzalutamide. N-desmethyl Enzalutamide is the active metabolite of Enzalutamide. N-desmethyl Enzalutamide demonstrates primary and secondary pharmacodynamics of similar potency to Enzalutamide and circulates at approximately the same plasma concentrations as enzalutamide^[1].

IC₅₀ & Target

Androgen-receptor^[1]

REFERENCES

[1]. Gibbons JA, et al. Pharmacokinetic Drug Interaction Studies with Enzalutamide. Clin Pharmacokinet. 2015 Oct;54(10):1057-69.

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

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