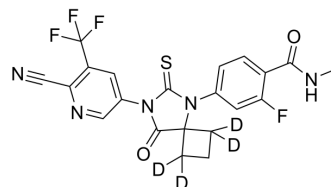


Apalutamide-d₄

Cat. No.:	HY-16060S		
CAS No.:	1638885-65-0		
Molecular Formula:	C ₂₁ H ₁₁ D ₄ F ₄ N ₅ O ₂ S		
Molecular Weight:	481.46		
Target:	Androgen Receptor		
Pathway:	Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Apalutamide-d₄ is a deuterium labeled Apalutamide. Apalutamide is a potent and competitive androgen receptor (AR) antagonist, binding AR with an IC₅₀ of 16 nM[1].

REFERENCES

[1]. Clegg NJ, et al. ARN-509: a novel antiandrogen for prostate cancer treatment. *Cancer Res.* 2012 Mar 15;72(6):1494-503.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA