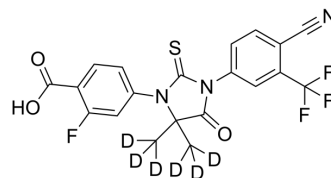


Enzalutamide carboxylic acid-d₆

Cat. No.:	HY-70002BS												
Molecular Formula:	C ₂₀ H ₇ D ₆ F ₄ N ₃ O ₃ S												
Molecular Weight:	457.43												
Target:	Autophagy; Androgen Receptor; Isotope-Labeled Compounds												
Pathway:	Autophagy; Vitamin D Related/Nuclear Receptor; Others												
Storage:	<table border="0"> <tr> <td>Powder</td> <td>-20°C</td> <td>3 years</td> </tr> <tr> <td></td> <td>4°C</td> <td>2 years</td> </tr> <tr> <td>In solvent</td> <td>-80°C</td> <td>2 years</td> </tr> <tr> <td></td> <td>-20°C</td> <td>1 year</td> </tr> </table>	Powder	-20°C	3 years		4°C	2 years	In solvent	-80°C	2 years		-20°C	1 year
Powder	-20°C	3 years											
	4°C	2 years											
In solvent	-80°C	2 years											
	-20°C	1 year											



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (273.27 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.1861 mL	10.9306 mL	21.8613 mL	
5 mM	0.4372 mL	2.1861 mL	4.3723 mL	
10 mM	0.2186 mL	1.0931 mL	2.1861 mL	

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

BIOLOGICAL ACTIVITY

Description

Enzalutamide carboxylic acid-d₆ is the deuterium labeled Enzalutamide carboxylic acid (MDV3100 carboxylic acid).

Enzalutamide carboxylic acid is an inactive metabolite of Enzalutamide[1].

REFERENCES

[1]. van Nuland M, et al. Exposure-Response Assessment of Enzalutamide and Its Major Metabolites in a Real-World Cohort of Patients with Metastatic Castration-Resistant Prostate Cancer. *Pharmacotherapy*. 2019 Dec;39(12):1137-1145.

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

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