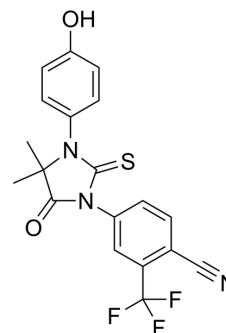


Androgen receptor antagonist 9

Cat. No.:	HY-112689
CAS No.:	915086-32-7
Molecular Formula:	C ₁₉ H ₁₄ F ₃ N ₃ O ₂ S
Molecular Weight:	405.39
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (246.68 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.4668 mL	12.3338 mL	24.6676 mL
		5 mM	0.4934 mL	2.4668 mL	4.9335 mL
		10 mM	0.2467 mL	1.2334 mL	2.4668 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (6.17 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Androgen receptor antagonist 9 (compound 28) is an antagonist of the androgen receptor ^[1] .
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REFERENCES

[1]. Jung ME, et al. Structure-activity relationship for thiohydantoin androgen receptor antagonists for castration-resistant prostate cancer (CRPC). J Med Chem. 2010 Apr 8;53(7):2779-96.

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

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