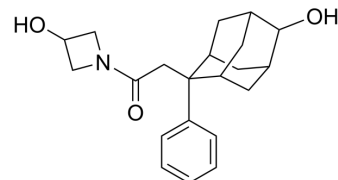


(Rac)-BMS-816336

Cat. No.:	HY-101930A		
Molecular Formula:	C ₂₁ H ₂₇ NO ₃		
Molecular Weight:	341.44		
Target:	11β-HSD		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	(Rac)-BMS-816336 (Compound 6n) is a racemate of BMS-816336. (Rac)-BMS-816336 is a potent inhibitor of human and mouse 11β-hydroxysteroid dehydrogenase type 1 (11β-HSD1) enzyme with IC ₅₀ s of 10 nM and 68 nM, respectively. (Rac)-BMS-816336 has good metabolic stability ^[1] .
IC₅₀ & Target	IC ₅₀ : 10 nM (Human 11β-HSD1) and 68 nM (Mouse 11β-HSD1) ^[1]
In Vivo	(Rac)-BMS-816336 (compound 6n) has good metabolic stability, and the remaining rates in human, mouse and rats of 88%, 82% and 72%, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ye XY, et al. Discovery of Clinical Candidate 2-((2S,6S)-2-Phenyl-6-hydroxyadamantan-2-yl)-1-(3'-hydroxyazetidin-1-yl)ethanone [BMS-816336], an Orally Active Novel Selective 11β-Hydroxysteroid Dehydrogenase Type 1 Inhibitor. *J Med Chem.* 2017 Jun 22;60(12):4932-4948.

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

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