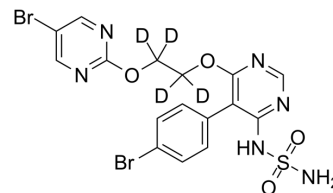


Aprocitentan-d₄

Cat. No.:	HY-15895S		
Molecular Formula:	C ₁₆ H ₁₀ D ₄ Br ₂ N ₆ O ₄ S		
Molecular Weight:	550.22		
Target:	Endothelin Receptor; Isotope-Labeled Compounds		
Pathway:	GPCR/G Protein; Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Aprocitentan-d ₄ is a deuterium labeled Aprocitentan. Aprocitentan is a major and pharmacologically active metabolite of Macitentan. Aprocitentan is dual ETA/ETB antagonist with IC ₅₀ s of 3.4 nM and 987 nM, and pA ₂ values of 6.7 and 5.5, respectively[1].			
IC₅₀ & Target	ET _A 3.4 nM (IC ₅₀)	ET _A 6.7 (pA ₂)	ET _B 987 nM (IC ₅₀)	ET _B 5.5 (pA ₂)

REFERENCES

[1]. Iglarz M, et al. Pharmacology of macitentan, an orally active tissue-targeting dual endothelin receptor antagonist. J Pharmacol Exp Ther. 2008 Dec;327(3):736-45.

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

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