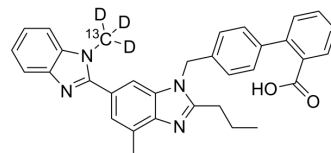


Telmisartan-¹³C,₃D₃

Cat. No.:	HY-13955S2
CAS No.:	1261396-33-1
Molecular Formula:	C ₃₂ ¹³ CH ₂₇ D ₃ N ₄ O ₂
Molecular Weight:	518.63
Target:	Autophagy; Angiotensin Receptor; Isotope-Labeled Compounds
Pathway:	Autophagy; GPCR/G Protein; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Telmisartan- ¹³ C, ₃ D ₃ is the ¹³ C- and deuterium labeled Telmisartan. Telmisartan is a potent, long lasting antagonist of angiotensin II type 1 receptor (AT1), selectively inhibiting the binding of 125I-AngII to AT1 receptors with IC ₅₀ of 9.2 nM.
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[55] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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