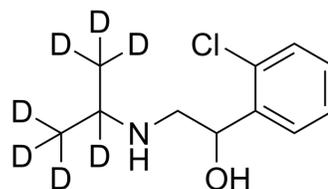


Clorprenaline-d₇

Cat. No.:	HY-131106S
Molecular Formula:	C ₁₁ H ₉ D ₇ ClNO
Molecular Weight:	220.75
Target:	Adrenergic Receptor; Isotope-Labeled Compounds
Pathway:	GPCR/G Protein; Neuronal Signaling; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Clorprenaline-d ₇ is a deuterium labeled Clorprenaline. Clorprenaline is a β ₂ -adrenergic receptor agonist that is implicated in bronchial expansion. Clorprenaline has the potential for asthma research[1].
IC₅₀ & Target	β adrenergic receptor

REFERENCES

[1]. Xintian Shao, et al. Preparation of Fe₂O₃-Clorprenaline/Tetraphenylborate Nanospheres and Their Application as Ion Selective Electrode for Determination of Clorprenaline in Pork. *Nanoscale Res Lett.* 2016 Dec;11(1):178.

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

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