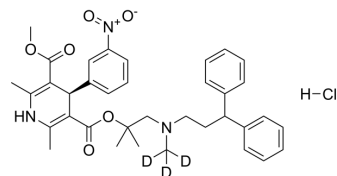


(R)-Lercanidipine-d₃ hydrochloride

Cat. No.:	HY-B0612DS
CAS No.:	1217724-52-1
Molecular Formula:	C ₃₆ H ₃₉ D ₃ ClN ₃ O ₆
Molecular Weight:	651.21
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	(R)-lercanidipine D3 (hydrochloride) is a deuterium labeled (R)-Lercanidipine hydrochloride. (R)-Lercanidipine-d ₃ (hydrochloride), the R-enantiomer of Lercanidipine, is a calcium channel blocker[1].
IC₅₀ & Target	IC50: calcium channel ^[1]

REFERENCES

[1]. Wirtz S, et al. Molecular mechanisms of vasoselectivity of the 1,4-dihydropyridine lercanidipine. Br J Pharmacol. 2004 May;142(2):275-84.

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

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