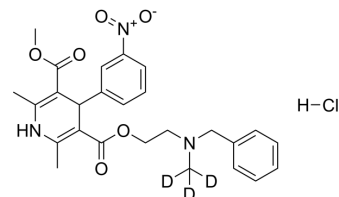


Nicardipine-d₃ hydrochloride

Cat. No.:	HY-12515AS		
CAS No.:	1432061-50-1		
Molecular Formula:	C ₂₆ H ₂₇ D ₃ ClN ₃ O ₆		
Molecular Weight:	519		
Target:	Calcium Channel		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

Nicardipine-d₃ (hydrochloride) (YC-93 D3) is the deuterium labeled Nicardipine hydrochloride. Nicardipine hydrochloride is a calcium channel blocker with an IC₅₀ of 1 μM for blocking cardiac calcium channels. Nicardipine hydrochloride acts as an agent for chronic stable angina and for controlling blood pressure[1].

REFERENCES

[1]. Charnet P, et al. Electrophysiological analysis of the action of nifedipine and nicardipine on myocardial fibers. *Fundam Clin Pharmacol.* 1987;1(6):413-31.

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

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