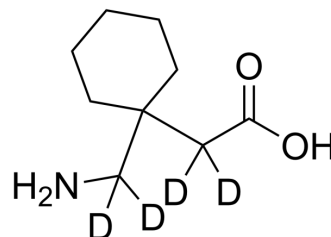


Gabapentin-d₄

Cat. No.:	HY-A0057S
CAS No.:	1185039-20-6
Molecular Formula:	C ₉ H ₁₃ D ₄ NO ₂
Molecular Weight:	175.26
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Gabapentin-d ₄ is the deuterium labeled Gabapentin. Gabapentin (Neurontin) is a pharmaceutical agent, specifically a GABA analog. It was originally developed to treat epilepsy, and currently is also used to relieve neuropathic pain.
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 ^[1] . 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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