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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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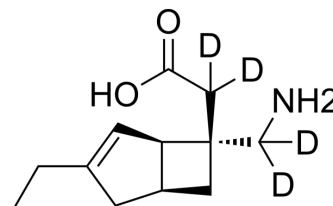
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Mirogabalin-d₄

Cat. No.:	HY-12650S1
Molecular Formula:	C ₁₂ H ₁₅ D ₄ NO ₂
Molecular Weight:	213.31
Target:	Isotope-Labeled Compounds; Calcium Channel
Pathway:	Others; Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mirogabalin-d₄ (DS5565-d₄) is a deuterated compound of Mirogabalin (HY-12650), a ligand that selectively targets the voltage-sensitive calcium channel complex $\alpha_2\delta-1$ ^{[1][2]}.

REFERENCES

- [1]. Vinik A, et al. Efficacy and safety of Mirogabalin (DS-5565) for the treatment of diabetic peripheral neuropathic pain: a randomized, double-blind, placebo- and active comparator-controlled, adaptive proof-of-concept phase 2 study. *Diabetes Care*. 2014 Dec.
- [2]. Hutmacher MM, et al. Exposure-response modeling of average daily pain score, and dizziness and somnolence, for Mirogabalin (DS-5565) in patients with diabetic peripheral neuropathic pain. *J Clin Pharmacol*. 2016 Jan;56(1):67-77.

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

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