



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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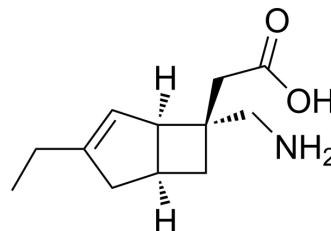
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## Mirogabalin (Standard)

<b>Cat. No.:</b>	HY-12650R
<b>CAS No.:</b>	1138245-13-2
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>19</sub> NO <sub>2</sub>
<b>Molecular Weight:</b>	209.28
<b>Target:</b>	Calcium Channel
<b>Pathway:</b>	Membrane Transporter/Ion Channel; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Mirogabalin (Standard) is the analytical standard of Mirogabalin. This product is intended for research and analytical applications. Mirogabalin (DS-5565) is a novel, preferentially selective $\alpha 2\delta$ -1 ligand characterized by high potency and selectivity to the $\alpha 2\delta$ -1 subunit of voltage-sensitive calcium channel complexes in the CNS.
<b>IC<sub>50</sub> &amp; Target</b>	$\alpha 2\delta$ -1 Calcium Channel <sup>[1]</sup>

### 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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