



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Brazikumab

Cat. No.:	HY-P99485
CAS No.:	1610353-18-8
Target:	Interleukin Related
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Brazikumab (AMG 139) is a human IgG2 monoclonal antibody, selectively binds the p19 subunit of IL-23, with a $K_D$ of 0.138 nM for human IL-23. Brazikumab can be used for the research of Crohn's disease <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IL-23 0.138 nM (Kd)
<b>In Vitro</b>	Brazikumab inhibits the binding of both recombinant and native IL-23 to its receptors stably expressed in COS cells with IC <sub>50</sub> s of 188 and 284 pM, respectively <sup>[1]</sup> . Brazikumab inhibits the production of IFN- $\gamma$ in NK cells stimulated by human native or recombinant IL-23 (in association with IL-18) with IC <sub>50</sub> s of 238 and 93 pM, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Currò D, et, al. Frontiers in Drug Research and Development for Inflammatory Bowel Disease. Front Pharmacol. 2017 Jun 23;8:400.
- [2]. Al-Bawardy B, et, al. Novel and Emerging Therapies for Inflammatory Bowel Disease. Front Pharmacol. 2021 Apr 14;12:651415.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA