



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

Quellenstraße 110, A-1100 Wien

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

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

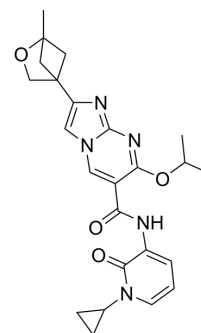
mail@szabo-scandic.com

www.szabo-scandic.com

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

BIO-8169

Cat. No.:	HY-158374
CAS No.:	2792153-06-9
Molecular Formula:	C ₂₄ H ₂₇ N ₅ O ₄
Molecular Weight:	449.5
Target:	IRAK
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BIO-8169 is a selective inhibitor for interleukin receptor-associated kinase 4 (IRAK 4), with an IC ₅₀ of 0.23 nM. BIO-8169 exhibits good pharmacokinetic character, reduces the production of pro-inflammatory cytokines, and attenuates the autoimmune encephalomyelitis in EAE mice model. BIO-8169 exhibits good blood brain penetrant with a rat K _{pu,u} of 0.7 ^[1] .
IC ₅₀ & Target	IRAK4 0.23 nM (IC ₅₀)

REFERENCES

[1]. Pfaffenbach M, et al., Discovery of BIO-8169: A Highly Potent, Selective, and Brain-Penetrant IRAK4 Inhibitor for the Treatment of Neuroinflammation. *J Med Chem.* 2024 May 23;67(10):8383-8395.

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