



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

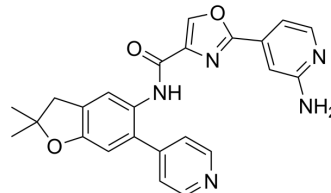
mail@szabo-scandic.com

www.szabo-scandic.com

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

DW18134

Cat. No.:	HY-161620
CAS No.:	2626988-87-0
Molecular Formula:	C ₂₄ H ₂₁ N ₅ O ₃
Molecular Weight:	427.46
Target:	IRAK
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DW18134 is an inhibitor for interleukin receptor-associated kinase 4 (IRAK 4) with an IC ₅₀ of 11.2 nM. DW18134 inhibits phosphorylation of IRAK4 and IKK, downregulates the secretion of TNF- α and IL-6. DW18134 attenuates the Lipopolysaccharides (HY-D1056)-induced peritonitis and DSS-induced colitis in mouse models, and protects the intestinal barrier function [1].
IC ₅₀ & Target	IRAK4 11.2 nM (IC ₅₀)

REFERENCES

[1]. Huang Y, et al., A Novel IRAK4 Inhibitor DW18134 Ameliorates Peritonitis and Inflammatory Bowel Disease. *Molecules*. 2024 Apr 16;29(8):1803.

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