



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

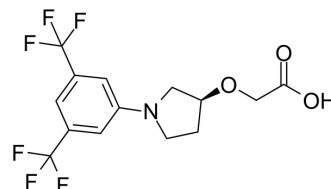
www.szabo-scandic.com

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



RBP4 inhibitor 1

Cat. No.:	HY-143793
CAS No.:	1198180-03-8
Molecular Formula:	C ₁₄ H ₁₃ F ₆ NO ₃
Molecular Weight:	357.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (699.79 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.7992 mL	13.9958 mL	27.9916 mL
		5 mM		0.5598 mL	2.7992 mL	5.5983 mL
		10 mM		0.2799 mL	1.3996 mL	2.7992 mL
Please refer to the solubility information to select the appropriate solvent.						

BIOLOGICAL ACTIVITY

Description	RBP4 inhibitor 1 (compound 43b) is a potent and orally active retinol-binding protein 4 (RBP4) inhibitor with IC ₅₀ s of 28 nM and 110 nM for human and mouse RBP4. RBP4 inhibitor 1 has a potent and long-lasting blood RBP4-level-reducing effect in mice ^[1] .
IC ₅₀ & Target	IC ₅₀ : 28 nM (human RBP4) and 110 nM (mouse RBP4) ^[1]

REFERENCES

[1]. Shinji Nakamura, et al. Discovery of phenylpyrrolidine derivatives as a novel class of retinol binding protein 4 (RBP4) reducers. Bioorg Med Chem. 2022 Jan 15;54:116553.

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