



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

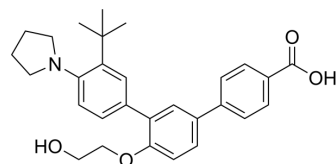
mail@szabo-scandic.com

www.szabo-scandic.com

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

Trifarotene (Standard)

Cat. No.:	HY-100256R
CAS No.:	895542-09-3
Molecular Formula:	C ₂₉ H ₃₃ NO ₄
Molecular Weight:	459.58
Target:	RAR/RXR; Autophagy
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Trifarotene (Standard) is the analytical standard of Trifarotene. This product is intended for research and analytical applications. Trifarotene (CD5789) is a potent and selective RAR γ agonist. Trifarotene (CD5789) shows -65-fold and -16-fold selectivity for the RAR γ (EC₅₀=7.7 nM) over RAR α (EC₅₀=500 nM) and RAR β (EC₅₀=125 nM), respectively^[1].

REFERENCES

[1]. Etienne Thoreau, et al. Structure-based design of Trifarotene (CD5789), a potent and selective RAR γ agonist for the treatment of acne. *Bioorg Med Chem Lett*. 2018 Jun 1;28(10):1736-1741.

[2]. J Aubert, et al. Nonclinical and human pharmacology of the potent and selective topical retinoic acid receptor- γ agonist trifarotene. *Br J Dermatol*. 2018 Aug;179(2):442-456.

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