



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

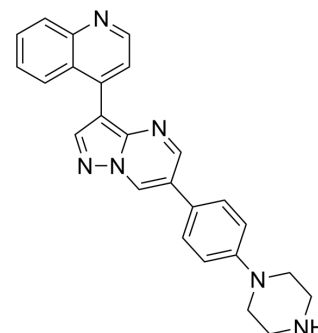
mail@szabo-scandic.com

www.szabo-scandic.com

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

LDN193189 (GMP)

Cat. No.:	HY-12071G
CAS No.:	1062368-24-4
Molecular Formula:	C ₂₅ H ₂₂ N ₆
Molecular Weight:	406.48
Target:	TGF-β Receptor
Pathway:	TGF-beta/Smad
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

LDN193189 (DM-3189) (GMP) is [LDN193189](#) (HY-12071) produced by using GMP guidelines. GMP small molecules works appropriately as an auxiliary reagent for cell therapy manufacture. LDN193189 is selective BMP type I receptor inhibitor^{[1][2]}.

In Vitro

LDN193189 (GMP) (250 nM; 0-7 d) induces human pluripotent stem cells (hPSC) directly differentiates into midbrain dopamine neurons (mDA)^[1].

LDN193189 (GMP) (200 nM) induces the generation of glucose-responsive β cells from hPSCs in vitro^[2].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Eur Respir J. 2021 Dec 2;2100327.
- Mol Cell. 2022 Jun 3;S1097-2765(22)00480-4.
- Adv Sci (Weinh). 2024 Jan 18:e2308072.
- Biomaterials. 2020 May;240:119849.
- J Hazard Mater. 2023 Nov 19, 133028.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Kim TW, et al. Biphasic Activation of WNT Signaling Facilitates the Derivation of Midbrain Dopamine Neurons from hESCs for Translational Use. Cell Stem Cell. 2021 Feb 4;28(2):343-355.e5.

[2]. Pagliuca FW, et al. Generation of functional human pancreatic β cells in vitro. Cell. 2014 Oct 9;159(2):428-39.

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