



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

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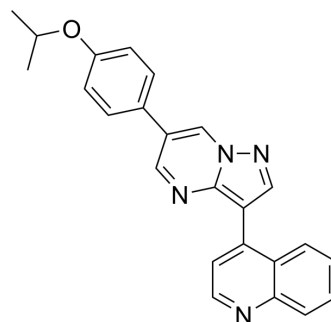
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DMH-1 (GMP)

Cat. No.:	HY-12273G
CAS No.:	1206711-16-1
Molecular Formula:	C ₂₄ H ₂₀ N ₄ O
Molecular Weight:	380.44
Target:	TGF-β Receptor; Autophagy
Pathway:	TGF-beta/Smad; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DMH-1 (GMP) is a GMP-grade version of DMH-1 (HY-12273). Small molecules of GMP grade can be used as adjuvant reagents in cell therapy. DMH-1 (GMP) promotes cardiac differentiation in mouse embryonic stem cells. DMH-1 (GMP) promotes neurogenesis of hiPSCs. DMH-1 is a potent and selective BMP inhibitor^{[1][2]}.

REFERENCES

- [1]. Neely MD, et al. DMH1, a highly selective small molecule BMP inhibitor promotes neurogenesis of hiPSCs: comparison of PAX6 and SOX1 expression during neural induction. ACS Chem Neurosci. 2012 Jun 20;3(6):482-91.
- [2]. Ao A, et al. DMH1, a novel BMP small molecule inhibitor, increases cardiomyocyte progenitors and promotes cardiac differentiation in mouse embryonic stem cells. PLoS One. 2012;7(7):e41627.

Caution: Product has not been fully validated for medical applications. For research use only.

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