



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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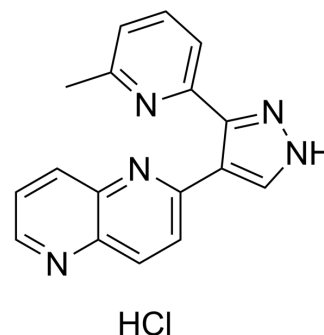
www.szabo-scandic.com

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



RepSox hydrochloride

Cat. No.:	HY-W707119
CAS No.:	2319939-07-4
Molecular Formula:	C ₁₇ H ₁₄ ClN ₅
Molecular Weight:	323.78
Target:	TGF-beta/Smad; Anaplastic lymphoma kinase (ALK)
Pathway:	Stem Cell/Wnt; TGF-beta/Smad; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

RepSox hydrochloride is a potent and selective inhibitor of transforming growth factor- β receptor I/activin-like kinase 5 (TGF- β -RI/ALK5). RepSox hydrochloride inhibits ALK5 autophosphorylation with an IC₅₀ value of 4 nM. RepSox hydrochloride can be used in the study of obesity and related metabolic diseases such as type 2 diabetes.

CUSTOMER VALIDATION

- Mil Med Res. 2020 Nov 1;7(1):52.
- Mil Med Res. 2020 Sep 6;7(1):42.
- Adv Sci (Weinh). 2023 Apr 29;e2301309.
- Biomaterials. 2018 Dec 6;193:30-46.
- Sci Adv. 2021 Apr 14;7(16):eabb2213.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Gellibert F, et al. Identification of 1,5-naphthyridine derivatives as a novel series of potent and selective TGF-beta type I receptor inhibitors. J Med Chem. 2004 Aug 26;47(18):4494-506.

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

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