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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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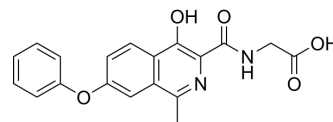
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Roxadustat (Standard)

Cat. No.:	HY-13426R
CAS No.:	808118-40-3
Molecular Formula:	C ₁₉ H ₁₆ N ₂ O ₅
Molecular Weight:	352.34
Target:	HIF/HIF Prolyl-Hydroxylase; Ferroptosis
Pathway:	Metabolic Enzyme/Protease; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Roxadustat (Standard) is the analytical standard of Roxadustat. This product is intended for research and analytical applications. Roxadustat is an orally active hypoxia-inducible factor (HIF) prolyl-hydroxylase (PHD) inhibitor (HIF-PHI) that promotes erythropoiesis through increasing endogenous erythropoietin, improving iron regulation, and reducing hepcidin [1].
IC ₅₀ & Target	Hypoxia-inducible factor prolyl-hydroxylase ^[1]

REFERENCES

- [1]. Provenzano R, et al. Roxadustat (FG-4592) Versus Epoetin Alfa for Anemia in Patients Receiving Maintenance Hemodialysis: A Phase 2, Randomized, 6- to 19-Week, Open-Label, Active-Comparator, Dose-Ranging, Safety and Exploratory Efficacy Study. *Am J Kidney Dis.* 2016 Jun;67(6):912-24.
- [2]. Wu K, et al. Stabilization of HIF-1 α by FG-4592 promotes functional recovery and neural protection in experimental spinal cord injury. *Brain Res.* 2016 Feb 1;1632:19-26.

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

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