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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC Handels GmbH

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)



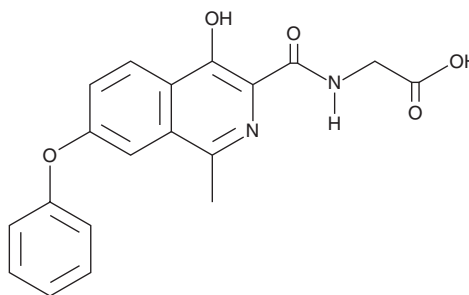
PRODUCT INFORMATION



Roxadustat

Item No. 15294

CAS Registry No.: 808118-40-3
Formal Name: N-[(4-hydroxy-1-methyl-7-phenoxy-3-isoquinolinyl)carbonyl]-glycine
Synonyms: ASP1517, FG-4592
MF: C₁₉H₁₆N₂O₅
FW: 352.4
Purity: ≥98%
UV/Vis.: λ_{max}: 223, 261, 314, 333 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Roxadustat is supplied as a crystalline solid. A stock solution may be made by dissolving the roxadustat in the solvent of choice, which should be purged with an inert gas. Roxadustat is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide. The solubility of roxadustat in these solvents is approximately 0.1, 30, and 50 mg/ml, respectively.

Description

Roxadustat is an analog of 2-OG that has been developed as an inhibitor of HIF-PHs. While little has been published regarding the actions of this compound, similar HIF-PH inhibitors suppress HIF degradation and in this way induce erythropoietin expression, promoting erythropoiesis or preventing anemia *in vivo*.¹

References

1. Hsieh, M.M., Linde, N.S., Wynter, A., *et al.* HIF-prolyl hydroxylase inhibition results in endogenous erythropoietin induction, erythrocytosis, and modest fetal hemoglobin expression in rhesus macaque. *Blood* **110**(6), 2140-2147 (2007).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897
[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM
WWW.CAYMANCHEM.COM