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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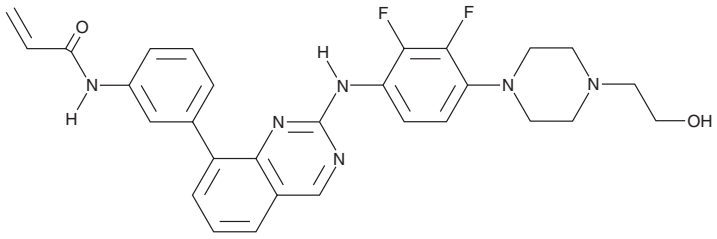
PRODUCT INFORMATION

RX-518

Item No. 40922



CAS Registry No.: 1660963-42-7
Formal Name: N-[3-[2-[[2,3-difluoro-4-[4-(2-hydroxyethyl)-1-piperazinyl]phenyl]amino]-8-quinazolinyl]phenyl]-2-propenamide
Synonyms: CK-101, Olafertinib
MF: $C_{29}H_{28}F_2N_6O_2$
FW: 530.6
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years

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

Laboratory Procedures

RX-518 is supplied as a solid. A stock solution may be made by dissolving the RX-518 in the solvent of choice, which should be purged with an inert gas. RX-518 is slightly soluble (0.1-1 mg/ml) in DMSO and sparingly soluble (1-10 mg/ml) in methanol.

Description

RX-518 is an inhibitor of EGFR.[1] It inhibits the growth of A431, H1975, and HCC827 cancer cells expressing wild-type EGFR, EGFR L858R/T790M, and EGFR del19, respectively (GI_{50}s = 5, 10, and 689 nM, respectively).

Reference

1. Nagasaka, M., Zhu, V.W., Lim, S.M., *et al.* Beyond osimertinib: The development of third-generation EGFR tyrosine kinase inhibitors for advanced *EGFR*+ NSCLC. *J. Thorac. Oncol.* **16(5)**, 740-763 (2021).

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