



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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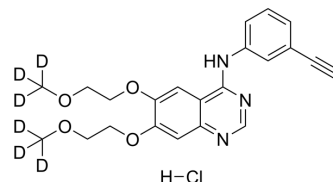
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Erlotinib-d₆ hydrochloride

Cat. No.:	HY-12008S
CAS No.:	1189953-78-3
Molecular Formula:	C ₂₂ H ₁₈ D ₆ ClN ₃ O ₄
Molecular Weight:	435.93
Target:	EGFR; Autophagy
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Autophagy
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 0.1 mg/mL (0.23 mM)
 * "≥" means soluble, but saturation unknown.

BIOLOGICAL ACTIVITY

Description

Erlotinib-d₆ (hydrochloride) a deuterium labeled Erlotinib Hydrochloride. Erlotinib Hydrochloride inhibits purified EGFR kinase with an IC₅₀ of 2 nM[1]. Erlotinib-d₆ (hydrochloride) is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Moyer JD, et al. Induction of apoptosis and cell cycle arrest by CP-358,774, an inhibitor of epidermal growth factor receptor tyrosine kinase. Cancer Res. 1997 Nov 1;57(21):4838-48.

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

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