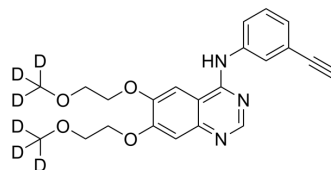


Erlotinib-d₆

Cat. No.:	HY-50896S
CAS No.:	1034651-23-4
Molecular Formula:	C ₂₂ H ₁₇ D ₆ N ₃ O ₄
Molecular Weight:	399.47
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Erlotinib-d₆ (CP-358774 D6) is a deuterium labeled Erlotinib (CP-358774). Erlotinib is a directly acting inhibitor EGFR tyrosine kinase inhibitor with an IC₅₀ of 2 nM for human EGFR[1]. Erlotinib-d₆ 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, 57(21), 4838-4848.

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

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