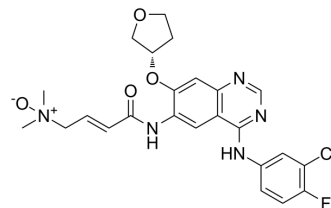


Afatinib N-Oxide

Cat. No.:	HY-133110
CAS No.:	2413212-11-8
Molecular Formula:	C ₂₄ H ₂₅ ClFN ₅ O ₄
Molecular Weight:	501.94
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Afatinib N-Oxide is an impurity of Afatinib dimaleate in oxidative degradation. Afatinib dimaleate is an irreversible EGFR family inhibitor^[1].

REFERENCES

[1]. Pawan kumar, et al. A controlled, efficient and robust process for the synthesis of an epidermal growth factor receptor inhibitor: Afatinib Dimaleate. Chem Rep, 2019, 1(1): 3-12.

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

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