

Product Datasheet

Zongertinib

Catalog No. **BP-02255** · CAS **2728667-27-2** · Form **free base** · Physical state **other** · Color **Light yellow to green yellow** ·
 Version **1.0** · Revision **2026-09-03**

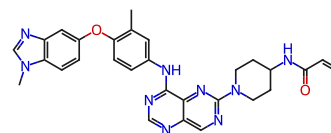
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Target c-Met/HGFR	Research area Cancer
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Molecular formula **C₂₉H₂₉N₉O₂**

Molecular weight **535.5997**

STRUCTURE



DESCRIPTION

Zongertinib (BI 1810631) is a potent and selective HER2 and EGFR tyrosine kinase inhibitor with IC₅₀ values of 13 nM and 579 nM, respectively. Zongertinib has antitumor activity and can be used in the study of multiple solid tumors.

BIOLOGICAL ACTIVITY

Zongertinib in NCI-H-2170 HER2 wt amp, NCI-H2170 HER2 YVMA, A431 EGFR wt amp, BAF3 HER2 WT, BAF3 HER2 YVMA and BAF3 EGF dep. The IC₅₀ values that inhibits cell proliferation are 6 nM, 33 nM, >5000 nM, 1 nM, 16 nM, and 1540 nM, respectively

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 30.77 mg/mL

REFERENCES

- [1]. WHO Drug Information - World Health Organization (WHO).
- [2]. Wilding Birgit, et al. Synthesis of diazino-pyrimidines as anticancer agents: World Intellectual Property Organization, WO2021213800. 2021-10-28.
- [3]. Li S, et al. Emerging Targeted Therapies in Advanced Non-Small-Cell Lung Cancer. Cancers (Basel). 2023 May 24;15(11):2899.