

Product Data Sheet

Product Name: EGFR-IN-204

Cat. No.: GC79458

Chemical Properties

Cas. No. 2989904-86-9

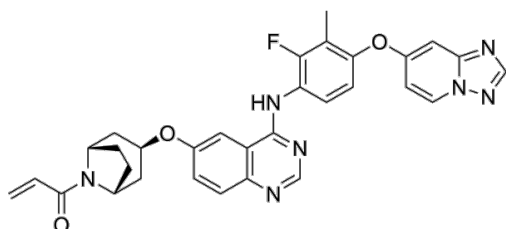
Formula $C_{31}H_{28}FN_7O_3$ M.Wt 565.6

Solubility DMSO: 100 mg/mL (176.80 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

EGFR-IN-204 (Example 1) is a HER2 exon 20 mutation inhibitor with selectivity for wild-type EGFR. EGFR-IN-204 exerts antiproliferative effects on cells dependent on HER2 exon 20 YVMA insertion mutation and wild-type HER2, and shows strong selectivity over cells dependent on wild-type EGFR.

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

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EGFR-IN-204 is applicable to non-small cell lung cancer research [1].

In Vitro, EGFR-IN-204 (72 h) exerts antiproliferative effects on HER2 wild-type-dependent Ba/F3 cells, with a GI50 of 9.3 nM^[1]. EGFR-IN-204 (72 h) exerts antiproliferative effects on Ba/F3 cells dependent on the HER2 exon 20 YVMA insertion mutation, with a GI50 of 10.3 nM^[1].

References:

[1]. Yang, et al. Crystalline form of quinazoline derivative and preparation method therefor. WO2025067398A1. WIPO (PCT). 2024-09-27.

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