

Product Data Sheet

Product Name: limertinib diTFA

Cat. No.: GC73069

Chemical Properties

Cas. No.

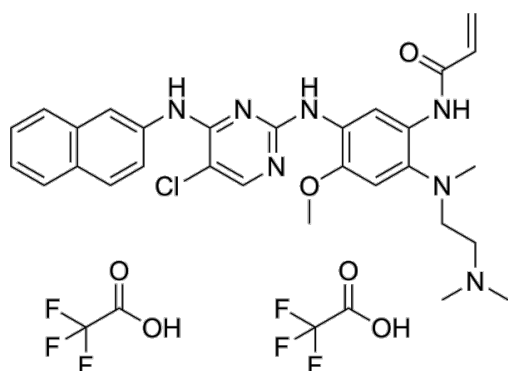
Formula $C_{33}H_{34}ClF_6N_7O_6$ M.Wt 774.11

Solubility DMSO : ≥ 200 mg/mL (258.36 mM) Storage 4°C , protect from light

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

limertinib (ASK120067) diTFA is a potent and orally active inhibitor of EGFR T790M (IC_{50} : 0.3 nM) with selectivity over EGFR WT (IC_{50} : 6.0 nM). limertinib diTFA is a third-generation EGFR-TKI for the research of non-small cell lung cancer (NSCLC).

References:

[1]. Tao Zhang, et al. Discovery of a novel third-generation EGFR inhibitor and identification of a potential combination strategy to overcome resistance. Mol Cancer. 2020 May 13;19(1):90.

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

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