
Product Data Sheet

Product Name: EGFR-IN-69

Cat. No.: GC68440

Chemical Properties

Cas. No. 2433837-65-9

Formula $C_{31}H_{37}Cl_2N_7O_3S$

M.Wt 658.64

Solubility DMSO : 12.5 mg/mL (18.98 mM; ultrasonic and warming and heat to 80°C)

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-69 (compound 17g) is a potent **EGFR** inhibitor, with **IC₅₀** values of 4.3, 6.6 and 25.6 nM against EGFR^{L858R/T790M/C797S}, EGFR^{L858R/T790M}, and EGFR^{19del/T790M/C797S}, respectively. EGFR-IN-69 can be used for non-small-cell-lung-cancer (NSCLC) research^[1].

[1]. Chen H, et al. Conformational Constrained 4-(1-Sulfonyl-3-indol)yl-2-phenylaminopyrimidine Derivatives as New Fourth-Generation Epidermal Growth Factor Receptor Inhibitors Targeting T790M/C797S Mutations. J Med Chem. 2022 May 12;65(9):6840-6858.

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

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