

Product Data Sheet

Product Name: ER121
Cat. No.: GC79457

Chemical Properties

Cas. No. 2360839-74-1

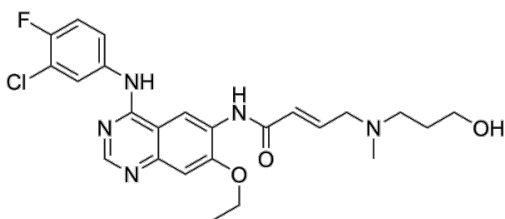
Formula $C_{24}H_{27}ClFN_5O_3$ M.Wt 487.95

Solubility DMSO: 12.5 mg/mL (25.62 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

ER121 (SGL-078) is an orally active non-toxic small molecule ErbB2 kinase inhibitor. ER121 shows potent antitumor activity and can be used for the research of HER2-related breast cancer [1].

References:

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

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[1]. Goel PN, et al. Targeting erbB Pathways in Breast Cancer: Dual Kinase Inhibition for Brain Metastasis and Prevention of p185HER2/Neu Tumor Development. Breast Cancer (Dove Med Press). 2024 Oct 30;16:725-733.

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