
Product Data Sheet

Product Name: Selatinib
Cat. No.: GC68430

Chemical Properties

Cas. No. 1275595-86-2

Formula $C_{29}H_{26}ClFN_4O_3S$

M.Wt 565.06

Solubility DMSO : 100 mg/mL (176.97 mM; Need ultrasonic)

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

Selatinib is a reversible and orally active dual **EGFR** and **ErbB2** inhibitor with **IC₅₀s** of 13 nM and 22.5 nM, respectively. Selatinib has anticancer effects^[1].

[1]. Meng-Na Wang, et al. First-in-human, phase I single-ascending-dose study of the safety, pharmacokinetics, and relative bioavailability of selatinib, a dual EGFR-ErbB2 inhibitor in healthy subjects. Invest New Drugs. 2020 Dec;38(6):1826-1835.

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

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