
Product Data Sheet

Product Name: Tinlorafenib

Cat. No.: GC68350

Chemical Properties

Cas. No. 2573781-75-4

Formula $C_{19}H_{19}ClF_2N_4O_3S$

M.Wt 456.89

Solubility DMSO : 125 mg/mL (273.59 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

Tinlorafenib (PF-07284890) (compound 10) is an orally active **BRAF kinase** inhibitor, with **IC₅₀**s of 4.25 and 2.7 nM for **BRAF^{V600E/V600K}** respectively. Tinlorafenib demonstrates CNS penetration and can be used in the research of **BRAF**-associated malignant and benign tumors of the CNS as well as extracranial malignancies^[1].

[1]. Barbour, et al. Quinazolin-4-one derivatives useful for the treatment of braf-associated diseases and disorders. WO2020261156A1.

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

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