

Product Data Sheet

Product Name: FGFR1 inhibitor-10

Cat. No.: GC73608

Chemical Properties

Cas. No. 2426769-76-6

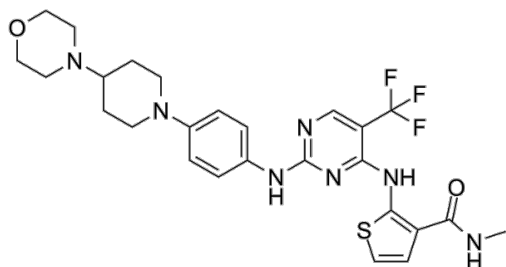
Formula $C_{26}H_{30}F_3N_7O_2S$ M.Wt 561.62

Solubility DMSO : 14.29 mg/mL (25.44 mM; ultrasonic and adjust pH to 2 with 1 M HCL) Storage -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

FGFR1 inhibitor-10 (Compound 4i) is an FGFR1 inhibitor (IC₅₀: 28 nM). FGFR1 inhibitor-10 inhibits the phosphorylation of FGFR1. FGFR1 inhibitor-10 has anti-angiogenic, anti-invasion activity, and anti-tumor effect.

References:

[1]. Li YL, et al. Design, synthesis and evaluation of novel pyrimidinylaminothiophene derivatives as

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

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FGFR1 inhibitors against human glioblastoma multiforme. Eur J Med Chem. 2023 Nov 15;260:115764.

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