

Product Data Sheet

Product Name: MYF-01-37

Cat. No.: GC63088

Chemical Properties

Cas. No. 2416417-65-5

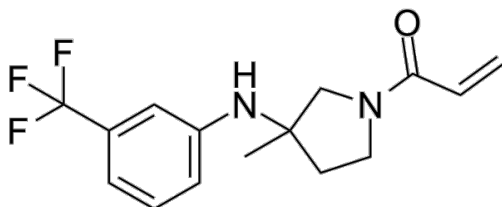
Formula $C_{15}H_{17}F_3N_2O$ M.Wt 298.3

Solubility DMSO : 250 mg/mL (838.08 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

MYF-01-37 is a covalent TEAD inhibitor targeting Cys380. MYF-01-37 has a reversible inhibition on YAP/TEAD interaction[1].

MYF-01-37 (10 μ M; 24h) results in inhibition of direct YAP/TEAD interaction in HEK 293T cells, and in the reduction in canonical YAP target gene CTGF expression in PC-9 cells[1]. MYF-01-37 (0.1, 1, 10, 100 μ M) has minimal impact on cell viability of several EGFR-mutant NCSLC cell lines[1]. MYF-01-37 (10 μ M; 10 days) combined with OT (combination of osimertinib and trametinib) leads to a dramatic

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

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decrease in dormant cells compared to OT alone[1].

[1]. Kari J Kurppa, et al. Treatment-Induced Tumor Dormancy through YAP-Mediated Transcriptional Reprogramming of the Apoptotic Pathway. Cancer Cell. 2020 Jan 13;37(1):104-122.e12.

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