

Product Data Sheet

Product Name: TT-10
Cat. No.: GC70573

Chemical Properties

Cas. No. 2230640-94-3

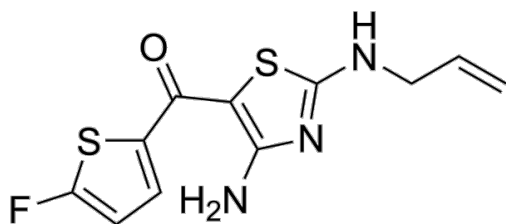
Formula $C_{11}H_{10}FN_3OS_2$ M.Wt 283.35

Solubility DMSO : 50 mg/mL (176.46 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

TT-10 (TAZ-K) is an activator of YES-associated protein (YAP)-transcriptional enhancer factor domain (TEAD) activity. TT-10 can be used for the research of heart diseases accompanied by cardiomyocyte loss.

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

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TT-10 (48 h) markedly promotes cell cycle activation and increased cell division of human induced pluripotent stem cell (hiPSC)-derived cardiomyocytes (hiPSCMs)^[1].

References:

[1]. Masamichi Ito, et al. Characterization of a small molecule that promotes cell cycle activation of human induced pluripotent stem cell-derived cardiomyocytes. J Mol Cell Cardiol. 2019 Mar;128:90-95.

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