
Product Data Sheet

Product Name: YZ129
Cat. No.: GC66059

Chemical Properties

Cas. No. 1643120-60-8

Formula $C_{19}H_{12}N_2O_2$ M.Wt 300.31

Solubility DMSO : 5.6 mg/mL (18.65 mM; ultrasonic and warming and heat to 80°C) 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

YZ129 is an inhibitor of the HSP90-calcineurin-NFAT pathway against glioblastoma, directly binding to **heat shock protein 90 (HSP90)** with an **IC₅₀** of 820 nM on NFAT nuclear translocation. YZ129-induced GBM cell-cycle arrest at the G2/M phase promotes apoptosis and inhibited tumor cell proliferation and migration^[1].

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

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