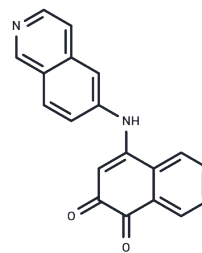


YZ129

Chemical Properties

CAS No. : 1643120-60-8
 Formula: C₁₉H₁₂N₂O₂
 Molecular Weight: 300.31
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	YZ129, a glioblastoma inhibitor, targets the HSP90-calcineurin-NFAT pathway by directly binding to heat shock protein 90 (HSP90) and exhibits an IC ₅₀ of 820 nM on NFAT nuclear translocation. It induces cell-cycle arrest at the G ₂ /M phase in GBM cells, leading to apoptosis and inhibiting tumor cell proliferation and migration [1].
Targets(IC ₅₀)	Apoptosis,Others,HSP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3299 mL	16.6495 mL	33.2989 mL
5 mM	0.666 mL	3.3299 mL	6.6598 mL
10 mM	0.333 mL	1.6649 mL	3.3299 mL
50 mM	0.0666 mL	0.333 mL	0.666 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481