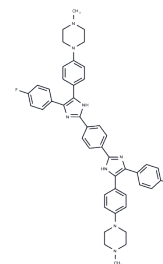


DIZ-3

## Chemical Properties

CAS No. : 2675490-72-7  
 Formula: C<sub>46</sub>H<sub>44</sub>F<sub>2</sub>N<sub>8</sub>  
 Molecular Weight: 746.89  
 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	DIZ-3, a selective multimeric G-quadruplex (G4) ligand, employs a G4-ligand-dimerizing approach to intercalate into the G4-G4 interface, thereby stabilizing its higher-order structure. This compound effectively induces cell cycle arrest and apoptosis, inhibiting cell proliferation in cancer cells characterized by alternative lengthening of telomeres (ALT) [1].
Targets(IC50)	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3389 mL	6.6944 mL	13.3889 mL
5 mM	0.2678 mL	1.3389 mL	2.6778 mL
10 mM	0.1339 mL	0.6694 mL	1.3389 mL
50 mM	0.0268 mL	0.1339 mL	0.2678 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.

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