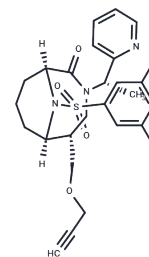


## FKBP12 ligand-3

## Chemical Properties

CAS No. :	3036374-26-9
Formula:	C <sub>25</sub> H <sub>27</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	536.47
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	FKBP12 ligand-3 (compound dj) is a high-affinity ligand targeting FKBP12. It is utilized to selectively enhance the binding of heterobifunctional molecules to BRD4, enriching drugs intracellularly through the "CellTrap" effect to form an FKBP12-ligand-BRD4 ternary complex. This complex inhibits BRD4, reducing the expression of BRD4 target genes such as MYC, leading to tumor cell death. FKBP12 ligand-3 can be applied in selective cancer research based on differences in intracellular presenter protein levels.
Targets(IC50)	FKBP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.864 mL	9.3202 mL	18.6404 mL
5 mM	0.3728 mL	1.864 mL	3.7281 mL
10 mM	0.1864 mL	0.932 mL	1.864 mL
50 mM	0.0373 mL	0.1864 mL	0.3728 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

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