

## WDR5-IN-4 TFA

## Chemical Properties

CAS No. :

Formula: C<sub>27</sub>H<sub>23</sub>Cl<sub>2</sub>F<sub>4</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight: 612.4

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	WDR5-IN-4 TFA is an inhibitor of the WIN site of chromatin-associated WD repeat-containing protein 5 ( WDR5 ), with a K <sub>d</sub> of 0.1 nM. WDR5-IN-4 TFA displaces WDR5 from chromatin and decreases the expression of associated genes, causing translational inhibition, nucleolar stress. Anti-cancer activity [1] .
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6329 mL	8.1646 mL	16.3292 mL
5 mM	0.3266 mL	1.6329 mL	3.2658 mL
10 mM	0.1633 mL	0.8165 mL	1.6329 mL
50 mM	0.0327 mL	0.1633 mL	0.3266 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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