

NCGC00138783 TFA

## Chemical Properties

CAS No. :

Formula: C<sub>28</sub>H<sub>27</sub>F<sub>4</sub>N<sub>7</sub>O<sub>3</sub>S

Molecular Weight: 617.62

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	NCGC00138783 TFA acts as a selective inhibitor of the CD47/SIRP $\alpha$ axis, exhibiting an inhibitory concentration (IC <sub>50</sub> ) of 50 $\mu$ M. This compound effectively obstructs the interaction between CD47 and SIRP $\alpha$ [1] [2].
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6191 mL	8.0956 mL	16.1912 mL
5 mM	0.3238 mL	1.6191 mL	3.2382 mL
10 mM	0.1619 mL	0.8096 mL	1.6191 mL
50 mM	0.0324 mL	0.1619 mL	0.3238 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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