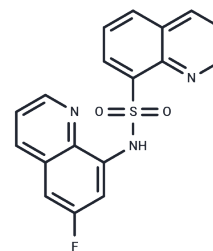


## MTDH-SND1 blocker 2

## Chemical Properties

CAS No. :	3052204-80-2
Formula:	C18H12FN3O2S
Molecular Weight:	353.37
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	MTDH-SND1 blocker 2 (compound C19) is an effective MTDH-SND1 inhibitor with an IC50 value of 487 nM. It binds to the SND1 protein with a Kd of 279 nM and can degrade the SND1 protein. Additionally, MTDH-SND1 blocker 2 exhibits antiproliferative activity and induces apoptosis, showing potential for breast cancer research.
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8299 mL	14.1495 mL	28.299 mL
5 mM	0.566 mL	2.8299 mL	5.6598 mL
10 mM	0.283 mL	1.4149 mL	2.8299 mL
50 mM	0.0566 mL	0.283 mL	0.566 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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