

## STAT3-IN-43

## Chemical Properties

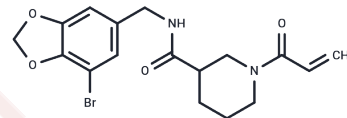
CAS No. : 2761657-21-8

Formula: C17H19BrN2O4

Molecular Weight: 395.25

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	STAT3-IN-43 (Compound K2) is a covalent inhibitor targeting an allosteric site at the interface between the coiled-coil domain and the DNA-binding domain of STAT3, with an IC50 of 40.7 $\mu$ M. It is applicable in cancer research.
Targets(IC50)	STAT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.530 mL	12.6502 mL	25.3004 mL
5 mM	0.506 mL	2.530 mL	5.0601 mL
10 mM	0.253 mL	1.265 mL	2.530 mL
50 mM	0.0506 mL	0.253 mL	0.506 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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