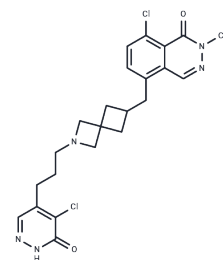


## STAT3-IN-37

## Chemical Properties

CAS No. :	3055844-98-6
Formula:	C <sub>23</sub> H <sub>25</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	474.38
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-37 (Compound 101) is an inhibitor of STAT3, with an IC <sub>50</sub> of 15 nM as measured by DNA-HTRF assay and 2 nM as determined through human whole blood SOCS3 qPCR assay.
Targets(IC <sub>50</sub> )	STAT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.108 mL	10.5401 mL	21.0801 mL
5 mM	0.4216 mL	2.108 mL	4.216 mL
10 mM	0.2108 mL	1.054 mL	2.108 mL
50 mM	0.0422 mL	0.2108 mL	0.4216 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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