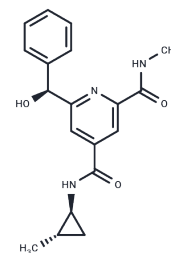


GSK097

## Chemical Properties

CAS No. : 2159137-02-5  
 Formula: C<sub>19</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 339.395  
 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	GSK097 is a highly potent and selective inhibitor of the second bromodomain (BD2) found in bromodomain and extra-terminal domain (BET) proteins. It exhibits a remarkable 2000-fold selectivity for BD2 over BD1, as indicated by BRD4 data. Additionally, GSK097 demonstrates solubility of over 1 mg/mL in FaSSiF media.
Targets(IC50)	Others,Epigenetic Reader Domain
In vitro	GSK097 exhibits potent inhibitory activity, as indicated by pIC50 values of 7.4, 8.0, 7.6, and 7.9, against BRD2 (BD2), BRD3 (BD2), BRD4 (BD2), and BRDT (BD2), respectively[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9464 mL	14.7319 mL	29.4638 mL
5 mM	0.5893 mL	2.9464 mL	5.8928 mL
10 mM	0.2946 mL	1.4732 mL	2.9464 mL
50 mM	0.0589 mL	0.2946 mL	0.5893 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.

## Reference

Harrison LA, et al. Identification of a Series of N-Methylpyridine-2-carboxamides as Potent and Selective Inhibitors of the Second Bromodomain (BD2) of the Bromo and Extra Terminal Domain (BET) Proteins [published online ahead of print, 2021 Jul 7]. J Med Chem. 2021;10.1021/acs.jmedchem.0c02155.

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