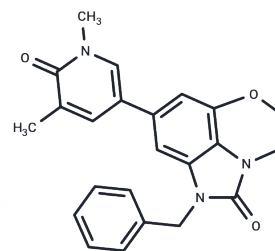


## BRD4 Inhibitor-28

## Chemical Properties

CAS No. :	2468960-80-5
Formula:	C <sub>23</sub> H <sub>21</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	387.43
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	BRD4 Inhibitor-28 (Compound 18), an orally active molecule, selectively inhibits the bromodomains of BRD4 (BRD4-BD1 and BRD4-BD2) with IC <sub>50</sub> values of 15 and 55 nM, respectively. It also demonstrates inhibition of BRD2-BD1, BRD3-BD1, and BRDT-BD1 with IC <sub>50</sub> values of 19, 25, and 68 nM, respectively. Furthermore, this compound exhibits anti-melanoma activity [1].
Targets(IC <sub>50</sub> )	Epigenetic Reader Domain

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5811 mL	12.9056 mL	25.8111 mL
5 mM	0.5162 mL	2.5811 mL	5.1622 mL
10 mM	0.2581 mL	1.2906 mL	2.5811 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 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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