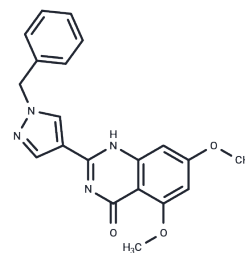


BRD4-BD1/2-IN-3

## Chemical Properties

CAS No. : 3106588-54-6  
 Formula: C<sub>20</sub>H<sub>18</sub>N<sub>4</sub>O<sub>3</sub>  
 Molecular Weight: 362.39  
 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-BD1/2-IN-3 is a highly selective BRD4 BD2 inhibitor (IC <sub>50</sub> = 0.41 nM) that exhibits strong selectivity over BRD4 BD1 and potently suppresses LPS-induced IL-6 expression. BRD4-BD1/2-IN-3 modulates TNF and NF-κB signaling pathways, providing a valuable tool for studying BRD4 biology and for researches on inflammatory diseases.
Targets(IC <sub>50</sub> )	Others, Epigenetic Reader Domain

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7595 mL	13.7973 mL	27.5946 mL
5 mM	0.5519 mL	2.7595 mL	5.5189 mL
10 mM	0.2759 mL	1.3797 mL	2.7595 mL
50 mM	0.0552 mL	0.2759 mL	0.5519 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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