

BRD5018

## Chemical Properties

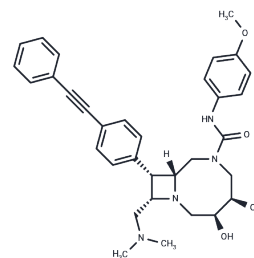
CAS No. : 2245231-51-8

Formula: C33H38N4O4

Molecular Weight: 554.68

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	BRD5018 is an antimalarial agent.
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8028 mL	9.0142 mL	18.0284 mL
5 mM	0.3606 mL	1.8028 mL	3.6057 mL
10 mM	0.1803 mL	0.9014 mL	1.8028 mL
50 mM	0.0361 mL	0.1803 mL	0.3606 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

Mitasev B, et al. Crystallization-Based Synthetic Route to Antimalarial Agent BRD5018: Diazocene Ring Formation via a Staudinger-aza-Wittig Reaction on an Azetidino-Ribose Template. Org. Process Res. Dev. 2021.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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