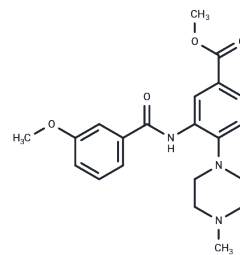


WDR5-0103

## Chemical Properties

CAS No. : 890190-22-4  
 Formula: C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>4</sub>  
 Molecular Weight: 383.44  
 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	WDR5-0103 (WD-Repeat Protein 5-0103) is an effective and specific WD repeat-containing protein 5 (WDR5) antagonist (Kd: 450 nM).
Targets(IC50)	Histone Methyltransferase,JAK

## Solubility Information

Solubility	DMSO: 60 mg/mL (156.48 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.22 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.608 mL	13.0398 mL	26.0797 mL
5 mM	0.5216 mL	2.608 mL	5.2159 mL
10 mM	0.2608 mL	1.304 mL	2.608 mL
50 mM	0.0522 mL	0.2608 mL	0.5216 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

Senisterra G, et al. Biochem J. 2013 Jan 1;449(1):151-9.

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