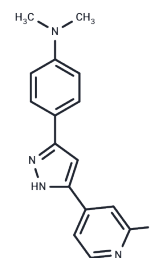


## MODAG-001

## Chemical Properties

CAS No. :	2648041-72-7
Formula:	C <sub>16</sub> H <sub>15</sub> BrN <sub>4</sub>
Molecular Weight:	343.22
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	MODAG-001, a candidate $\alpha$ -syn imaging probe [1] [2] [3], can bind to synuclein fibrils in a rat brain.
Targets(IC50)	Others
In vitro	MODAG-001 exhibits strong binding affinity to recombinant human $\alpha$ -syn aggregates but fails to bind to real $\alpha$ -syn aggregates in human brain sections [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9136 mL	14.5679 mL	29.1358 mL
5 mM	0.5827 mL	2.9136 mL	5.8272 mL
10 mM	0.2914 mL	1.4568 mL	2.9136 mL
50 mM	0.0583 mL	0.2914 mL	0.5827 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481