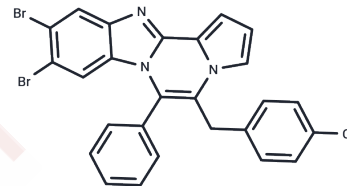


YIAD-0205

## Chemical Properties

CAS No. : 2446054-34-6  
 Formula: C<sub>26</sub>H<sub>16</sub>Br<sub>2</sub>ClN<sub>3</sub>  
 Molecular Weight: 565.69  
 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	YIAD-0205, an orally administered inhibitor of A $\beta$ (1-42) aggregation, has exhibited in vivo efficacy in a 5XFAD transgenic mouse model that harbors five familial AD mutations [1].
Targets(IC50)	Beta Amyloid,Others
In vitro	YIAD-0205, at concentrations of 10 and 100 $\mu$ M, inhibits the aggregation of A $\beta$ (1-42) [1].
In vivo	YIAD-0205 (50 mg/kg; oral administration; biweekly for one month) was effective in reducing levels of A $\beta$ plaques and A $\beta$ oligomers in the 5XFAD mouse model aged at 6.0 months [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7678 mL	8.8388 mL	17.6775 mL
5 mM	0.3536 mL	1.7678 mL	3.5355 mL
10 mM	0.1768 mL	0.8839 mL	1.7678 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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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