

## Sob-AM2

## Chemical Properties

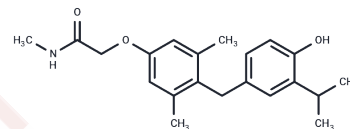
CAS No. : 2128258-47-7

Formula: C<sub>21</sub>H<sub>27</sub>N<sub>3</sub>O

Molecular Weight: 341.44

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	Sob-AM2 is an effective substrate targeting the fatty acid amide hydrolase (FAAH) expressed in the brain, with a Km of 1.3 μM. It delivers higher concentrations of Sobetirome to the central nervous system at minimal peripheral systemic doses, thereby activating the central thyroid hormone receptor β (TRβ).
Targets(IC50)	FAAH,Thyroid hormone receptor(THR)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9288 mL	14.6439 mL	29.2877 mL
5 mM	0.5858 mL	2.9288 mL	5.8575 mL
10 mM	0.2929 mL	1.4644 mL	2.9288 mL
50 mM	0.0586 mL	0.2929 mL	0.5858 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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