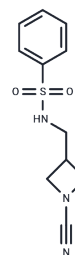


## NAAA-IN-2

## Chemical Properties

CAS No. : 325775-42-6  
 Formula: C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>S  
 Molecular Weight: 251.3  
 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	NAAA-IN-2 (Compound 9), a potent and selective inhibitor of NAAA, exhibits an IC <sub>50</sub> of 50 nM. NAAA, a cysteine amidase, primarily breaks down the endogenous biolipids palmitoylethanolamide (PEA) and oleoylethanolamide (OEA). This compound demonstrates promise for inflammation and pain research [1].
Targets(IC50)	Others,Cysteine Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9793 mL	19.8965 mL	39.7931 mL
5 mM	0.7959 mL	3.9793 mL	7.9586 mL
10 mM	0.3979 mL	1.9897 mL	3.9793 mL
50 mM	0.0796 mL	0.3979 mL	0.7959 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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