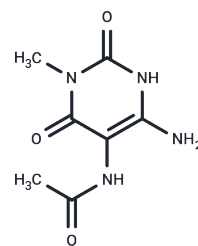


## AAMU

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 19893-78-8  |
| Formula:          | C7H10N4O3   |
| Molecular Weight: | 198.18  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |                                   |
|---------------|-----------------------------------|
| Description   | AAMU is a metabolite of Caffeine. |
| Targets(IC50) | Others                            |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 5.0459 mL | 25.2296 mL | 50.4592 mL |
| 5 mM  | 1.0092 mL | 5.0459 mL  | 10.0918 mL |
| 10 mM | 0.5046 mL | 2.523 mL   | 5.0459 mL  |
| 50 mM | 0.1009 mL | 0.5046 mL  | 1.0092 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

Nyéki A, et al. NAT2 and CYP1A2 phenotyping with caffeine: head-to-head comparison of AFMU vs. AAMU in the urine metabolite ratios. Br J Clin Pharmacol. 2003 Jan;55(1):62-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481