

## FAPy-adenine HCl

## Chemical Properties

CAS No. : 753504-19-7

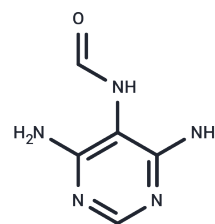
Formula: C<sub>5</sub>H<sub>8</sub>ClN<sub>5</sub>O

Molecular Weight: 189.6

Storage: Keep away from moisture, Store at low temperature  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

HCl



## Biological Description

Description	FAPy-adenine HCl is a metabolic marker for Attention Deficit Hyperactivity Syndrome and is a mutagenic product of ROS-induced DNA damage.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2743 mL	26.3713 mL	52.7426 mL
5 mM	1.0549 mL	5.2743 mL	10.5485 mL
10 mM	0.5274 mL	2.6371 mL	5.2743 mL
50 mM	0.1055 mL	0.5274 mL	1.0549 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

Gabbita SP, et al. Increased nuclear DNA oxidation in the brain in Alzheimer's disease. J Neurochem. 1998 Nov;71(5):2034-40.

Cysewski P, et al. Theoretical description of the coding potential of diamino-5-formamidopyrimidines. Z Naturforsch C J Biosci. 1999 Mar-Apr;54(3-4):239-45.

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