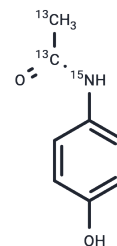


## Acetaminophen-13C2,15N

## Chemical Properties

CAS No. :	360769-21-7
Formula:	C8H9NO2
Molecular Weight:	154.14
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	Acetaminophen-13C2,15N is an isotopically labeled version of Acetaminophen, incorporating both 13C and 15N atoms. Acetaminophen (T0065) (Paracetamol) serves as a selective inhibitor of cyclooxygenase-2 (COX-2) with an IC50 value of 25.8 μM. It is also a potent inhibitor of hepatic N-acetyltransferase 2 (NAT2). Acetaminophen (T0065) is widely utilized as an antipyretic and analgesic agent.
Targets(IC50)	Endogenous Metabolite,Histone Acetyltransferase,Antibacterial,Parasite,COX

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4876 mL	32.438 mL	64.8761 mL
5 mM	1.2975 mL	6.4876 mL	12.9752 mL
10 mM	0.6488 mL	3.2438 mL	6.4876 mL
50 mM	0.1298 mL	0.6488 mL	1.2975 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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