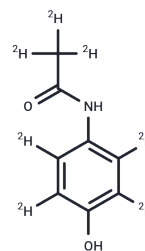


## Acetaminophen-D7

## Chemical Properties

CAS No. :	1219798-53-4
Formula:	C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight:	158.21
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-D7 is the deuterated form of Acetaminophen. Acetaminophen (T0065) (Paracetamol) acts as a selective cyclooxygenase-2 (COX-2) inhibitor with an IC <sub>50</sub> of 25.8 μM. Additionally, it serves as an effective inhibitor of hepatic N-acetyltransferase 2 (NAT2). Acetaminophen (T0065) is widely utilized as an antipyretic and analgesic agent.
Targets(IC <sub>50</sub> )	Endogenous Metabolite, Histone Acetyltransferase, COX

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3207 mL	31.6036 mL	63.2071 mL
5 mM	1.2641 mL	6.3207 mL	12.6414 mL
10 mM	0.6321 mL	3.1604 mL	6.3207 mL
50 mM	0.1264 mL	0.6321 mL	1.2641 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

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