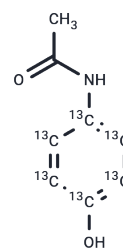


Acetaminophen-13C6

Chemical Properties

CAS No. :	2132405-57-1
Formula:	C ₈ H ₉ NO ₂
Molecular Weight:	157.118
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-13C6 is a ¹³ C-labeled form of Acetaminophen. It functions as a selective inhibitor of cyclooxygenase-2 (COX-2) with an IC ₅₀ value of 25.8 μM. Additionally, Acetaminophen (T0065) is an effective inhibitor of hepatic N-acetyltransferase 2 (NAT2) and is widely used as an antipyretic and analgesic agent.
Targets(IC50)	Endogenous Metabolite, Histone Acetyltransferase, COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3646 mL	31.8228 mL	63.6456 mL
5 mM	1.2729 mL	6.3646 mL	12.7291 mL
10 mM	0.6365 mL	3.1823 mL	6.3646 mL
50 mM	0.1273 mL	0.6365 mL	1.2729 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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