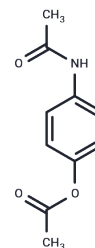


4-Acetamidophenyl acetate

Chemical Properties

CAS No. :	2623-33-8
Formula:	C ₁₀ H ₁₁ NO ₃
Molecular Weight:	193.2
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	4-Acetamidophenyl acetate, an impurity of Acetaminophen, which is a selective COX-2 inhibitor (IC ₅₀ : 25.8 μM) and a potent hepatic N-acetyltransferase 2 (NAT2) inhibitor.
Targets(IC ₅₀)	Others, Antibacterial, Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.176 mL	25.8799 mL	51.7598 mL
5 mM	1.0352 mL	5.176 mL	10.352 mL
10 mM	0.5176 mL	2.588 mL	5.176 mL
50 mM	0.1035 mL	0.5176 mL	1.0352 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

Hinz, B, et al. Acetaminophen (paracetamol) is a selective cyclooxygenase-2 inhibitor in man. FASEB J, 2008. 22(2): p. 383-90.

Rothen JP, et al. Acetaminophen is an inhibitor of hepatic N-acetyltransferase 2 in vitro and in vivo. Pharmacogenetics. 1998 Dec;8(6):553-9.

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