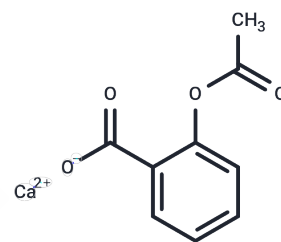


Aspirin calcium

Chemical Properties

CAS No. :	69-46-5
Formula:	C ₁₈ H ₁₄ CaO ₈
Molecular Weight:	398.38
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	Aspirin calcium is the prototypical analgesic used in the treatment of mild to moderate pain. It has anti-inflammatory and antipyretic properties and acts as an inhibitor of cyclooxygenase which results in the inhibition of the biosynthesis of prostaglandins. Aspirin also inhibits platelet aggregation and is used in the prevention of arterial and venous thrombosis. (From Martindale, The Extra Pharmacopoeia, 30th ed, p5)
Targets(IC50)	Apoptosis, Mitophagy, Others, NF-κB, Caspase, Autophagy, COX, p38 MAPK, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5102 mL	12.5508 mL	25.1017 mL
5 mM	0.502 mL	2.5102 mL	5.0203 mL
10 mM	0.251 mL	1.2551 mL	2.5102 mL
50 mM	0.0502 mL	0.251 mL	0.502 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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