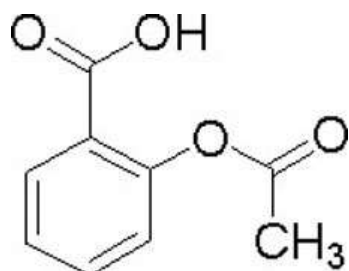




Product Information Sheet



A118 Acetylsalicylic Acid

Synonym: 2-(Acetyloxy)benzoic Acid; 2-Acetoxybenzoic Acid; Aspirin
CAS: 50-78-2
Formula: C₉H₈O₄
Molecular Wt: 180.16

Properties

Form: Powder
Appearance: White Crystalline
Application:
Solubility: Per *Merck* solubility index, approx. 3.3 g/L in water @ RT; More soluble in hot water. Very soluble in ethanol and DMSO.
Typical Working Concentration: Varies with application, should be determined by end user.
Storage Temp: Room Temperature
Storage Temp of Stock Solution: Do not store solutions; use fresh solutions.
Other Notes: Plant Tissue Culture Tested

Application Notes

Avoid solutions with a pH above 7.4 as acetylsalicylic acid will hydrolyze to salicylic acid.

References

Merck 13, 856

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