

Acetylsalicylic acid

Catalog No: #S0005

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Description

Product Name	Acetylsalicylic acid
Brief Description	Inhibitors
Purification	99.12%
Target Name	COX inhibitor
Calculated MW	180.16
Formulation	C9H8O4
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Product Description

Research Area: Nervous system
SMILES: CC(=O)OC1=CC=CC=C1C(O)=O
Pathways: Immunology/Inflammation; Neuroscience
Receptor: COX-1; COX-2
Boiling pt: 140°C
Melting pt: 134-136°C
Solubility: Ethanol: 36 mg/mL (199.82 mM); DMSO: 36 mg/mL (199.82 mM)
Appearance: White
Crystal
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Kopp E, et al. Science, 1994, 265(5174), 956-959.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.