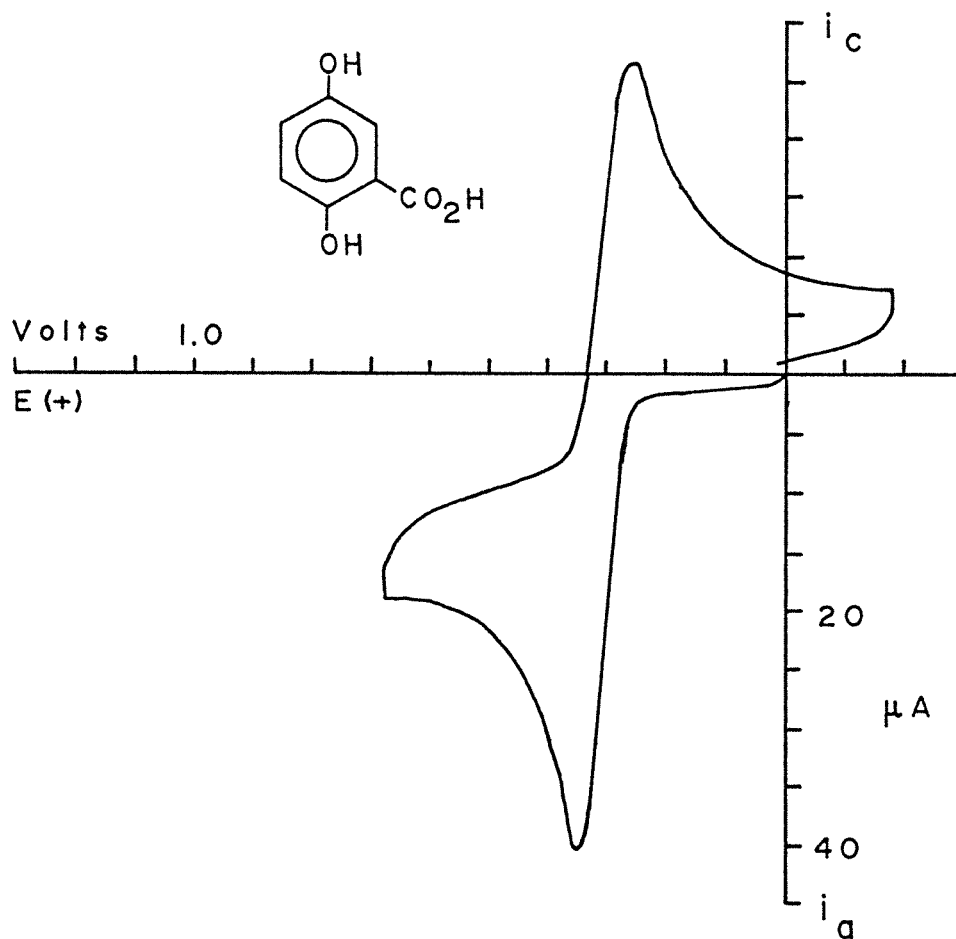


CV NOTES

GENTISIC ACID



SAMPLE: Gentisic Acid

MEDIUM: 20% methanol in pH 4.0
citrate (0.1 M)

CONC: 1 mM

RATE: 200 mV/s

ETRODE: GC

REF: RE-1, Ag/AgCl

MODEL: CV-1A

Gentisic (2,5-dihydroxybenzoic) acid is a secondary metabolite of aspirin which arises from hydroxylation of salicylic acid. It also occurs as an important intermediate in secondary plant metabolism. As a ring-substituted hydroquinone, gentisic acid undergoes a reversible 2-electron oxidation at relatively low potential.



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