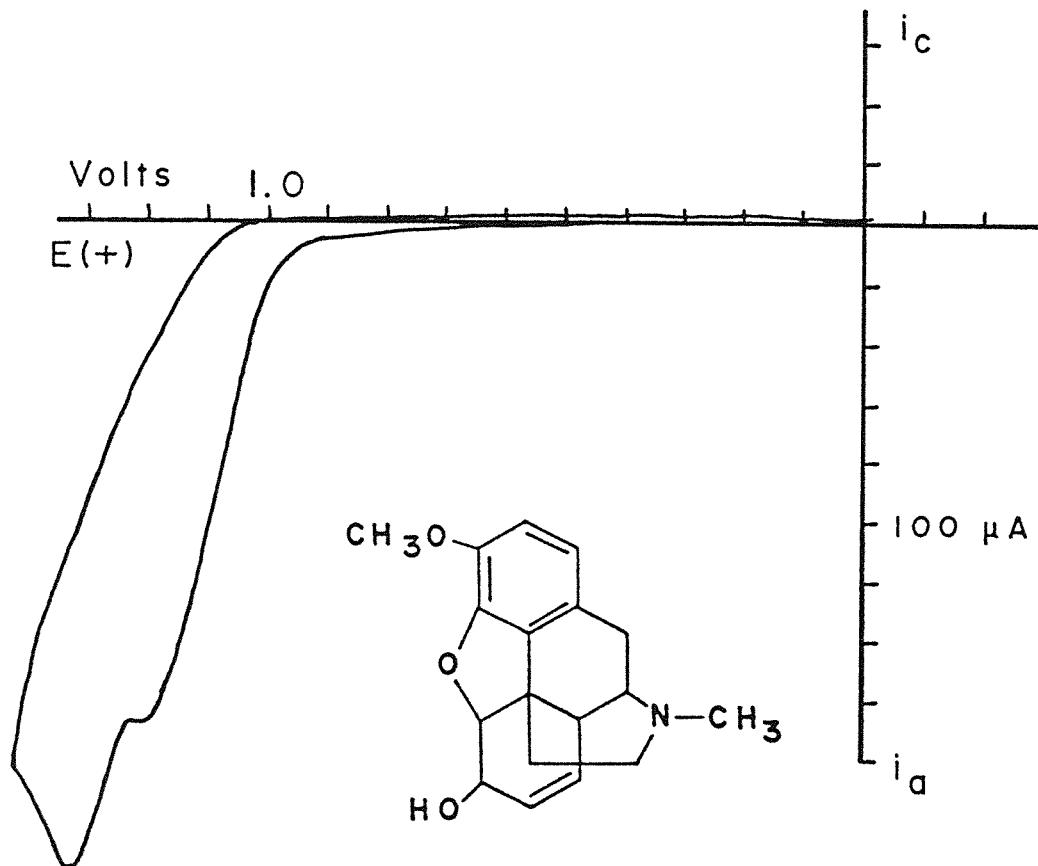


CV NOTES

CODEINE



SAMPLE: Codeine

MEDIUM: 50% methanol in pH 4.5
acetate (0.05M) with
0.1 M NaClO₄

CONC: 5 mM

RATE: 150 mV/s

ETRODE: GC

REF: RE-1, Ag/AgCl

MODEL: CV-1A

Codeine is a narcotic analgesic, antitussive drug frequently prescribed for the relief of mild to moderate pain. The CV indicates an essentially irreversible 2-step oxidation at moderately high potential. The mechanism is unknown but its electrochemical activity may arise from the disubstituted catechol functionality and/or tertiary amine group.



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