

# Codeine and its Alternates for Pain and Cough Relief \*

## 4. Potential Alternates for Cough Relief

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*In this report—the fourth of a series on codeine and its alternates for pain and cough relief—an attempt is made to evaluate, on the basis of experimental and clinical data, and wherever possible in comparison with codeine, the effectiveness of a number of antitussive substances currently in clinical use. In the discussion of the undesired side-effects particular attention is paid to the risk of dependence and abuse.*

### CONTENTS

PHENANTHRENE ALKALOIDS		PHENOTHIAZINES	
DIHYDROCODEINE . . . . .	640	PIPAZETATE . . . . .	678
ETHYLMORPHINE . . . . .	640	DIMETHOXANATE . . . . .	681
PHOLCODINE . . . . .	642	MEPROTIXOL . . . . .	682
NICOCODINE AND NICODICODINE . . . . .	646	OTHER COMPOUNDS	
N-OXIDES AND QUATERNARY SALTS . . . . .	648	ANTIHISTAMINES . . . . .	682
NALORPHINE . . . . .	649	BENZOBUTAMINE . . . . .	683
DEXTROMETHORPHAN . . . . .	651	BENZONATATE . . . . .	684
ISOQUINOLINE ALKALOIDS		CARAMIPHEN . . . . .	690
NOSCAPINE . . . . .	660	CLOBUTINOL . . . . .	692
OTHER RELATED SUBSTANCES . . . . .	665	CLOFEDANOL . . . . .	696
METHADONE AND RELATED SUBSTANCES		ISOAMINILE . . . . .	699
METHADONE, ISOMETHADONE AND THEIR ISOMERS . . . . .	666	METHAQUALONE . . . . .	701
NORMETHADONE . . . . .	669	OXELADIN . . . . .	701
LEVOPROPOXYPHENE . . . . .	672	OXOLAMINE . . . . .	701
THIAMBUTENES . . . . .	675	PENTOXYVERINE . . . . .	706
PETHIDINE CONGENERS . . . . .	676	SODIUM DIBUNATE . . . . .	709
		RÉSUMÉ . . . . .	711
		REFERENCES . . . . .	713

\* This review of the analgesic and antitussive effects of codeine and its alternates is being published in the *Bulletin of the World Health Organization* in five instalments. The first, second, and third instalments dealt, respectively, with the analgesic action of codeine (*Bull. Wld Hlth Org.*, 1968, 38, 673-741); its alternates for pain relief (*Bull. Wld Hlth Org.*, 1969, 40, 1-53); and the antitussive action of codeine (*Bull. Wld Hlth Org.*, 1969, 40, 425-454). The fourth instalment, presented here, is devoted to an assessment of potential alternates with antitussive action. The final instalment consists of a discussion and summary of the preceding reviews (*Bull. Wld Hlth Org.*, 1969, 40, 721-730).

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