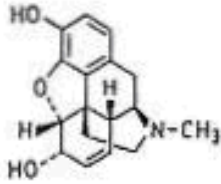


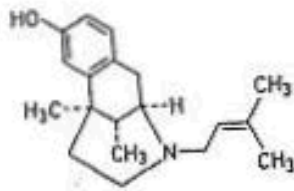
Chemical Classes of Opioids

PHENANTHRENES



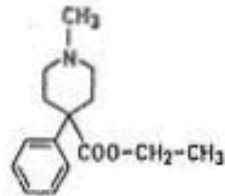
MORPHINE

BENZOMORPHANS



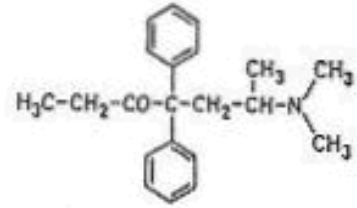
PENTAZOCINE

PHENYLPIPERIDINES



MEPERIDINE

DIPHENYLHEPTANES



METHADONE

Rx EXAMPLES >

morphine
codeine
hydrocodone*
hydromorphone*
levorphanol*
oxycodone*
oxymorphone*
buprenorphine*
nalbuphine
butorphanol*
naloxone*
heroin (diacetyl-morphine)

pentazocine
diphenoxylate
loperamide

meperidine
fentanyl
sufentanil
alfentanil
remifentanil

methadone
propoxyphene

X-SENSATIVITY >

PROBABLE

POSSIBLE

LOW RISK

LOW RISK

*These agents lack the 6-OH group of morphine, possibly decreasing cross-sensitivity within the phenanthrene group.

Courtesy of Dr. Jeffrey Fudin (FudinJ@gmail.com)

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