

Table 3-6. Opiate/Opioid Metabolites

Opiate /Opioid	Active Metabolites	Nonactive Metabolites
Buprenorphine	Norbuprenorphine	
Codeine	Morphine Norcodeine Hydrocodone	
Heroin (diacetylmorphine)	6-Monoacetylmorphine Morphine	
Hydrocodone	Hydromorphone Norhydrocodone Dihydrocodeine	
Hydromorphone	Hydromorphol	Hydromorphone-3- glucuronide
Levorphanol	Norlevorphanol	Conjugated levorphanol
Meperidine	Normeperidine	
Morphine	Normorphine Hydromorphone Morphine-6-glucuronide	Morphine-3-glucuronide
Oxycodone	Oxymorphone	Noroxycodone
Pentazocine	<i>cis</i> -Hydroxypentazocine <i>trans</i> -Carboxypentazocine	
Propoxyphene	Norpropoxyphene	