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| **Appendix Table 1: Morphine Equivalents Conversion Table** |
| **Oral Opioid Prescription Products Examined** | **Morphine equivalents per milligram** |
| Codeine | 0.15 |
| Hydrocodone | 1 |
| Hydromorphone | 4 |
| Lovorphanol | 12 |
| Meperidine  | 0.1 |
| Methadone | 4 |
| Morphine | 1 |
| Opium | 1 |
| Oxycodone | 1.5 |
| Oxymorphone | 3 |
| Pentazocine | 0.3 |
| Propoxaphene  | 0.6 |
| Tapentadol | 0.367 |
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| Source: Opioid Dosage Calculator Washington State Agency Medical Directors Group available at [http://agencymeddirectors.wa.gov/mobile.html and Medcalc.com](http://agencymeddirectors.wa.gov/mobile.html%20and%20Medcalc.com) Narcotic Equivalence Converter available at <http://www.medcalc.com/narcotics.html> |