

# Types of Abuse Deterrent Formulations

## Physical / Chemical Barriers

- May prevent chewing, crushing, cutting, grating, grinding

## Agonist / Antagonist Combo

- May curb euphoria when formulation is compromised

## Aversion

- May create unpleasant effects when tampered with or taken at higher doses

## Delivery System

- Drug release designs or method of drug delivery can offer resistance to abuse

## Prodrug

- A prodrug that lacks opioid activity until transformed in the GI tract