



Oxycodone [BSA] (DAG407)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Oxycodone-Bovine Serum Albumin(OXY-BSA) conjugate
Species	N/A
Conjugate	BSA
Applications	Specific methodologies have not been tested using this product.
Format	Liquid
Concentration	4.1 mg/mL
Size	1 mg
Buffer	PBS, pH 7.2
Preservative	0.02% Sodium Azide
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Oxycodone is known as Oxycontin, Roxicodone and is an ingredient of Percodan, Percocet, Roxicet and Tylox. Oxycodone is a semi-synthetic opiates derived from opium. Like other opiates, oxycodone is characterized by its analgesic properties, and the tendency for users to form a physical dependency and develop tolerance with extended use. Oxycodone is usually administered in combination with non-opiate analgesics such as acetaminophen and salicylates for the relief of moderate to severe pain. Oxycodone is a central nervous system depressant that may cause drowsiness, dizziness, lethargy, weakness and confusion. Toxicity in an overdose of oxycodone can lead to stupor, coma, muscle flaccidity, severe respiratory depression, hypotension, and respiratory arrest. Oxycodone is metabolized by N- and O-
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demethylation. One of the metabolites, oxymorphone, is a potent narcotic analgesic, while the other, noroxycodone, is relatively inactive. Between 33 to 61% of a single dose of oxycodone is excreted in a 24 hour urine collection and consists of 13-19% free oxycodone, 7-29% glucuronide conjugated oxycodone, 13- 14% glucuronide conjugated oxymorphone and an unknown amount of noroxycodone. The detection time window of oxycodone is 1-3 days following use.

Keywords

Percocet; Percodan; suspendol(canada); Tekodin (free base); Pancodone; OXYCODONE; Oxanest; Oxicon; OxiconeOxycodeinone; Oxycodon; 14-Hydroxydihydrocodeinone; 4,5-epoxy-14-hydroxy-3-methoxy-17-methylmorphinan-6-one; 4aH-8,9c-Iminoethanophenanthro(4,5-bcd)fu
