

Mouse Anti-Benzoylecgonine Monoclonal Antibody

Mouse, Monoclonal (Benzoylecgonine)

Cat. No.: MAB7246

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: Monoclonal Antibody to Benzoylecgonine

Specificity: This antibody reacts with benzoylecgonine

Immunogen: Benzoylecgonine-BSA

Clone: 4G6H7

Isotype: IgG1

Host animal: Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse

Source: Mouse ascites

Format: Purified, liquid

Application: Benzoylecgonine quantitative assays by EIA

Purification: DEAE chromatography; >95% by HPLC and SDS-PAGE

Affinity Constant: Not determined

PACKAGING

Concentration: 3.45 mg/mL (OD280 nm, $E^{0.1\%} = 1.40$)

Buffer: 0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN_3 pH=7.2

Storage: 2°C-8°C for 1 year. Store at -20°C for long term.

BACKGROUND

Introduction: Benzoylecgonine is the predominant cocaine metabolite. This compound is not biologically active but is used as an indicator of cocaine use.

Keywords: BENZOYLECGONINE; Benzoylecgonine; Ecgonine benzoate; 1 α H,5 α H-Tropane-2 β -carboxylic acid, 3 β -hydroxy-, benzoate (ester); benzoylecgonine hydrate--dea schedule*ii item; 3-(Benzoyloxy)-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic acid; 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 3-(benzoyloxy)-8-methyl; 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 3-(benzoyloxy)-8-methyl-, [1R-(exo,exo)]; o-Benzoyl(-)-ecgonine; benzoylecgonine methanol solution; BENZOYLECGONINE COCAINE METABOLITE; (1R,2R,3S,5S)-3-(Benzoyloxy)-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylic Acid; O-Benzoylecgonin; benzoylecgonine solution; BENZOYLECGONINE,1.0MG/MLINMETHANOL; BENZOYLECGONINE,100/MLINMETHANOL; [1S,5R,(+)]-3 β -(Benzoyloxy)-8-methyl-8-azabicyclo[3.2.1]octane-2 β -carboxylic acid; Methanol (test Benzoylecgonine, 1.0 mg/ML); Benzoylecgonine tetrahydrate; Cocaine metabolite

REFERENCES

1. BBC News, 5 August 2005.
2. (French), Courier International