



Ecgonine methyl ester Standard Solution (DWT131)

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

PRODUCT INFORMATION

Conjugate	N/A
Cas.No	7143-09-1
Applications	LC/MS
Molecular Weight	199.25 g/mol
Format	Liquid
Concentration	1.0 mg/mL
Size	1 mL
Buffer	Acetonitrile
Preservative	None
Storage	Store at -20°C
Ship	Dry ice

BACKGROUND

Introduction

Ecgonine (tropane derivative) is a tropane alkaloid found naturally in coca leaves. It has a close structural relation to cocaine: it is both a metabolite and a precursor, and as such, it is a controlled substance in many jurisdictions, as are some substances which can be used as precursors to ecgonine itself. Structurally, ecgonine is a cycloheptane derivative with a nitrogen bridge. It is obtained by hydrolysis of cocaine with acids or alkalis, and crystallizes with one

molecule of water, the crystals melting at 198–199 °C.

Keywords

Ecgonine; Coca alkaloids; Benzoylecgonine
