



Ecgonine HCl Standard Solution (DWT132)

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

PRODUCT INFORMATION

Conjugate	N/A
Cas.No	5796-31-6
Applications	LC/MS
Molecular Weight	221.68 g/mol
Format	Liquid
Concentration	1.0 mg/mL
Size	1 mL
Buffer	Methanol
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