



Mephedrone [BSA] (DAGB327)

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

PRODUCT INFORMATION

Species	N/A
Conjugate	BSA
Applications	ELISA, LFIA
Size	1 mg
Preservative	None
Storage	Short Term (≤ 2 weeks): 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

Mephedrone, also known as 4-methyl methcathinone (4-MMC) or 4-methyl ephedrone, is a synthetic stimulant drug of the amphetamine and cathinone classes. Slang names include drone, M-CAT, White Magic and meow meow. It is chemically similar to the cathinone compounds found in the khat plant of eastern Africa. It comes in the form of tablets or a powder, which users can swallow, snort or inject, producing similar effects to MDMA, amphetamines and cocaine. In addition to its stimulant effects, mephedrone produces side effects, of which teeth grinding is the most common. The metabolism of mephedrone has been studied in rats and humans and the metabolites can be detected in urine after usage.