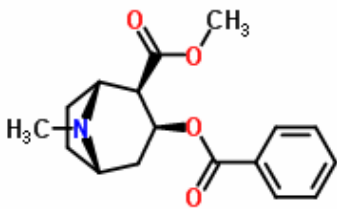


Name	COCAINE
Structure	
Systematic name	methyl (1R,2R,3S,5S)-3-(benzyloxy)-8-methyl-8-azabicyclo[3.2.1]octane-2-carboxylate
Formula	C ₁₇ H ₂₁ NO ₄
MW	303.3529
Monoisotopic mass	303.147058165
Mp	195°C
H bond acceptors	5
H bond donors	0
Acid pKa	--
Basic pKa	8.85
ACD Log D pH 5.5	-0.81
ACD Log D pH 7.4	0.52
Solubility	ethanol, chloroform, acidic water
LD50	93 mg/Kg mouse p.o.
Therapeutic cat	Anesthetics
ATC	
N01BC01 N NERVOUS SYSTEM N01 ANESTHETICS N01B ANESTHETICS, LOCAL N01BC Esters of benzoic acid	S01HA01 S SENSORY ORGANS S01 OPHTHALMOLOGICALS S01H LOCAL ANESTHETICS S01HA Local anesthetics
R02AD03 R RESPIRATORY SYSTEM R02 THROAT PREPARATIONS R02A THROAT PREPARATIONS R02AD Anesthetics, local	S02DA02 S SENSORY ORGANS S02 OTOLOGICALS S02D OTHER OTOLOGICALS S02DA Analgesics and anesthetics
Receptors	NE/DA (re-uptake)

Nomi commerciali (IT)	