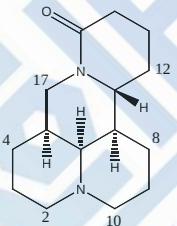


ChemName	Matrine
Synonyms	
CASNo	519-02-8
Source/Synthesis	Isol. from <i>Sophora alopecuroides</i> , <i>Sophora flavescens</i> , <i>Sophora microphylla</i>
physical & chemical parameters	C ₁₅ H ₂₄ N ₂ O
	248
	Mp 77 °C
structure formula	
NMR	¹³ C-NMR(CDCl ₃): C-2 57.2, C-3 20.7, C-4 27.1, C-5 35.3, C-6 63.7, C-7 41.3, C-8 26.4, C-9 21.2, C-10 57.2, C-11 53.1, C-12 27.8, C-13 18.9, C-14 32.8, C-17 43.2
References	1. Shamma M. et al., <i>Carbon⁻¹³ NMR Shift Assignments of Amines and Alkaloids</i> (Plenum Press, New York/London) 1979, No. 194