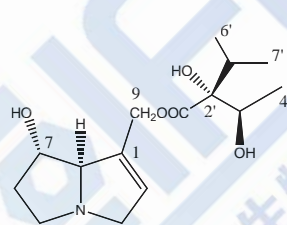


ChemName	Echinatine
Synonyms	Echinitine
CASNo	480-83-1
Source/Synthesis	Isol. from <i>Echium vulgare</i>
physical & chemical parameters	C ₁₅ H ₂₅ NO ₅
	299
	Mp 109-110 °C
structure formula	
NMR	¹³ C-NMR(CDCl ₃): C-1 135.9, C-2 125.4, C-3 61.9, C-5 54.2, C-6 33.6, C-7 74.0, C-8 79.6, C-9 61.6, C-1' 173.7, C-2' 84.0, C-3' 74.4, C-4' 17.4, C-5' 32.3, C-6' 17.9, C-7' 15.8
References	1. Asibal C. F. et al., <i>J. Nat. Prod.</i> 1989, 52, 109