

ChemName	Codonopsinine
Synonyms	
CASNo	32490-07-6
Source/Synthesis	Isol. from <i>Codonopsis clematidea</i>
physical & chemical parameters	C <sub>13</sub> H <sub>19</sub> NO <sub>3</sub>
	237
	Cryst. (MeOH)
	Mp 169-170 °C
structure formula	
NMR	<sup>13</sup> C-NMR(CDCl <sub>3</sub> ): C-2 74.1, C-3 87.0, C-4 84.8, C-5 64.9, C-6 135.0, C-7 129.6, C-8 113.4, C-9 159.1, C-10 113.9, C-11 129.6, CH <sub>3</sub> 13.8, NCH <sub>3</sub> 34.6, OMe 55.0
References	1. Yagudaev M .R.et al., <i>Chem. Nat. Comp.</i> 1989, 25, 459