

(+)-9?-Hydroxymatrine from *Sophora macrocarpa*

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A new quinolizidine alkaloid, (+)-9?-hydroxymatrine, was isolated from the leaves of *Sophora macrocarpa*. Its structure was determined by a combination of spectroscopic methods, among which nuclear Overhauser enhancement experiments played a crucial role. Some generalizations are made regarding the mass spectra of matrinoids. © 1983.