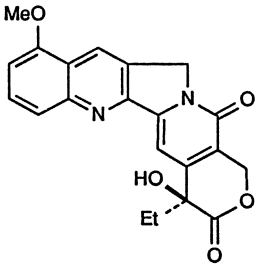
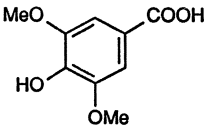
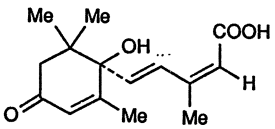


9-Methoxycampothecin (*33-8*)

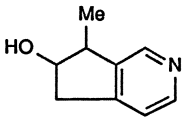
Besides the camptothecin-related alkaloids, other chemical constituents were isolated from the fruits of *C. acuminata*: betulic acid [12], β-sitosterol [13], syringic acid (*33-9*) [20], abscisin II (*33-10*), syringaresinol [13], venoterpine (*33-11*), vincoside lactam (*33-12*) [12], and a number of ellagic acid derivatives: 2,3-*O*-dimethylellagic acid (*33-13*); 2,3,7-*O*-trimethylellagic acid (*33-14*); 2,3,7,8-*O*-tetramethyl-9-methoxyellagic acid (*33-15*): 2,3-*O*,*O*-methylene-ellagic acid (*33-16*): 2,3-*O*,*O*-methylene-7-*O*-methylellagic acid (*33-17*): 2,3-*O*,*O*-methylene-7,8-*O*-dimethylellagic acid (*33-18*); 2,3-*O*,*O*-methylene-7,8-*O*-dimethyl-9-hydroxyellagic acid (*33-19*); and 2,3-*O*,*O*-methylene-7,8-*O*-dimethyl-9-methoxyellagic acid (*33-20*) [14, 20].



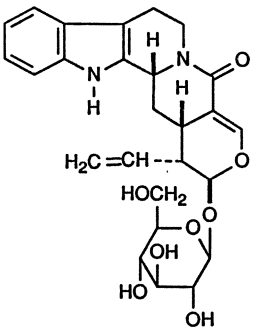
Syringic acid
(*33-9*)



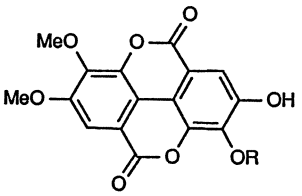
Abscisin II
(*33-10*)



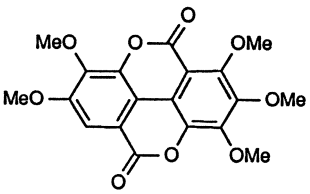
Venoterpine
(*33-11*)



Vincoside lactam
(*33*-12)



2,3-*O*-Dimethylellagic acid (*33-13*): R = H
2,3,7-*O*-Trimethylellagic acid (*33-14*): R = CH_3



2,3,7,8-*O*-Tetramethyl-9-methoxyellagic acid (*33-15*)