

Table SI. Alkaloids identified from *Fritillaria*.

Name	Smiles
Verticine	<chem>C[C@H]1CC[C@@]2([H])[C@](O)(C)[C@@]3([H])CC[C@]4([H])[C@@]([H])(C[C@@]5([H])[C@@]4([H])C[C@H]2)[C@]6([H])[C@]5(C)CC[C@H](O)C6)[C@]3([H])CN2C1</chem>
Verticinone	<chem>O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C)=O)([H])C1</chem>
Isoverticine	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@]([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@H](C)C6)([H])[C@]4(O)C)([H])[C@@]5([H])C3)([H])C[C@@H](O)[C@]([H])2C1</chem>
Zhebeinine	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@]([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@@H](C)C6)([H])[C@]4(O)C)([H])[C@@]5([H])C3)([H])C[C@H](O)[C@]([H])2C1</chem>
Taipaienine	<chem>C[C@@]1(O)CC[C@]2([H])[C@H](C)[C@]3([H])CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@@]4([H])[C@]3([H])CN2C1)=O</chem>
Dongbeirine	<chem>C[C@@H]1CC[C@@]2(C)[C@@H](C)[C@@]3(C)CC[C@@]4(C)[C@]5(C)CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5(C)C[C@@]4(C)[C@]3(C)C2C1)=O</chem>
Ebeiedinone	<chem>C[C@H]1CC[C@H]2[C@@H]([C@H]3CC[C@@H]4[C@H]([C@@H]3)CN2C1</chem>

	<chem>)C[C@H]5[C@H]4CC(=O)[C@@H]6[C@@]5(CC[C@@H](C6)O)C</chem>
Forticine	<chem>C[C@H]1CC[C@@]2(C)[C@@H](C)[C@@]3(C)CC[C@@]4(C)[C@]5(C)C[C@@H](C)[C@@]6(C)C[C@@H](C)CC[C@]6(C)[C@@]5(C)C[C@@]4(C)[C@]3(C)CC2C1</chem>
Eduardinine	<chem>[H][C@]12C[C@@H](O)CC[C@]1(C)[C@@]([H])(C[C@]3([H])[C@@]4([H])C[C@@]5([H])[C@@]3([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)[C@@]4([H])C[C@@H]2O</chem>
Puqiedine	<chem>C[C@@H]1CC[C@@]2([H])[C@H](C)[C@@]3([H])CC[C@@]4([H])[C@]5([H])C[C@@H](O)[C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@@]4([H])[C@]3([H])CN2C1</chem>
Lichuanine	<chem>C[C@@H]1CC[C@@]2([H])[C@@H](C)[C@@]3([H])CC[C@@]4([H])[C@]5([H])C[C@@H](O)[C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@@]4([H])[C@]3([H])CN2C1</chem>
Petilidine	<chem>C[C@@H]1CC[C@@]2([H])[C@H](C)[C@@]3([H])CC[C@@]4([H])[C@]5([H])C[C@H](O)[C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@@]4([H])[C@]3([H])CN2C1</chem>
N-oxide of verticinone	<chem>C[C@H](C1)CC[C@@]2([H])[C@](O)(C)[C@@]3([H])CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@@]4([H])[C@]3([H])CN21=O)=O</chem>
Edpetilidine	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])C3CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)(</chem>

	[H])C1
Imperialine	O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C=O)([H])C1
Imperiazine	O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@]5(O)C=O)([H])C1
Petine	O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@]5(O)C)([H])C1
Huphenine(delavine)	O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)([H])C1
Huphenizine	O=C1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)([H])C1
Zhebeirine	[H][C@]12[C@]3([H])CC([C@@]4([H])C[C@@H](O)CC[C@]4(C)[C@@]3([H])C[C@@]1([H])[C@@]5([H])[C@]([C@](C)([H])[C@@](CCC(CC)C6)([H])N6C5)([H])CC2)=O
Ebeienine	[H][C@]12[C@]3([H])CC([C@@]4([H])C[C@@H](OC(C)=O)CC[C@]4(C)[C@@]3([H])C[C@@]1([H])[C@@]5([H])[C@]([C@](C)(O)[C@@](CCC(CC)C6)([

	<chem>H]N6C5)([H])CC2)=O</chem>
Harermine(persicanidine B)	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)([H])C1</chem>
Siechuansine	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@@]5([H])[C@]4([H])CN6[C@@](CC[C@H](C)C6)([H])[C@]5(O)C)([H])C1</chem>
(3β,5α,6α)-6,20-dihydroxycevan-3-yl acetate	<chem>[H][C@]12[C@]3([H])CC([C@@]4([H])C[C@@H](O)CC[C@]4(C)[C@@]3([H])C[C@@]1([H])[C@@]5([H])[C@]([C@](C)(O)[C@@](CCC(CC)C6)([H])N6C5)([H])CC2)=O</chem>
Tortifoline(songbeinine)	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@@](CC[C@H](C)C6)([H])[C@@H]5C)([H])C1</chem>
Songbeinone	<chem>O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@@](CC[C@H](C)C6)([H])[C@@H]5C)=O)([H])C1</chem>
Hupehenizioside(delavinone-3-O-β-D-glucopyranoside)	<chem>[H][C@]12C[C@@H](O[C@]3([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]3O)CC[C@]1(C)[C@]4([H])[C@@]([C@@](CC[C@]5([H])[C@@]6([H])CN7[C@@](CC[C@H](C)C7)([H])[C@@H]5C)([H])[C@@]6([H])C4)([H])CC2=O</chem>
Hupeheninoside	<chem>[H][C@]12C[C@H](O[C@]3([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]3O)CC[C@]1(C)[C@]4([H])[C@@]([C@@](CC[C@@]5([H])[C@@]6([H])CN7[</chem>

	<chem>C@](CC[C@H](C)C7)([H])[C@@H]5C)([H])[C@@]6([H])C4)([H])C[C@@H]2O</chem>
Hupehemonoside	<chem>[H][C@]12C[C@@H](O[C@]3([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]3O)CC[C@]1(C)[C@]4([H])[C@@]([C@@](CC[C@]5([H])[C@@]6([H])CN7[C@@](CC[C@H](C)C7)([H])[C@]5(O)C)([H])[C@@]6([H])C4)([H])CC2=O</chem>
Peiminoside	<chem>[H][C@]12C[C@@H](O[C@]3([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]3O)CC[C@]1(C)[C@]4([H])[C@@]([C@@](CC[C@@]5([H])[C@@]6([H])CN7[C@](CC[C@H](C)C7)([H])[C@]5(O)C)([H])[C@@]6([H])C4)([H])C[C@@H]2O</chem>
Yibeinoside A	<chem>[H][C@]12C[C@@H](O[C@H]3O[C@@H](CO)[C@H](O)[C@@H](O)[C@@H]3O)CC[C@]1(C)[C@]4([H])[C@@]([C@@](CC[C@]5([H])[C@@]6([H])CN7[C@](CC[C@H](C)C7)([H])[C@@H]5C)([H])[C@@]6([H])C4)([H])CC2=O</chem>
Yibeinoside B	<chem>[H][C@]12C[C@@H](O[C@H]3[C@H](O)[C@@H](O)[C@H](O)[C@@H](CO)O3)CC[C@]1(C)[C@]4([H])[C@@]([C@@](CC[C@]5([H])[C@@]6([H])CN7[C@](CC[C@H](C)C7)([H])[C@@H]5C)([H])[C@@]6([H])C4)([H])CC2=O</chem>
Delavinone	<chem>C[C@H]1CC[C@H]2[C@@H]([C@@H]3CC[C@@H]4[C@H]([C@@H]3CN2C1)C[C@H]5[C@H]4CC(=O)[C@@H]6[C@@]5(CC[C@@H](C6)O)C)C</chem>
Baimonidine	<chem>O[C@@H]1CC[C@@]2(C)[C@]([C@H](O)CC3[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C)([H])C1</chem>
Isobaimonidine	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@@H](O)C[C@]3(C)[C@]2([H])C[C@]4([H])</chem>

	<chem>[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C([H])C1</chem>
Hupeheninate	<chem>[H][C@]12C[C@@H](OC(C)=O)CC[C@]1(C)[C@]3([H])[C@@]([C@@](CC[C@]4([H])[C@@]5([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]4C)([H])[C@]5([H])C3)(C)C[C@H]2O</chem>
Hupehenirine	<chem>O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3(C)[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)=O)([H])C1</chem>
Yubeinine	<chem>O[C@@H]1CC[C@@]2(C)[C@](C(C[C@]3(C)[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C=O)([H])C1</chem>
Puqiedinone-3-O-b-D-glucopyranoside	<chem>[H][C@@]12[C@]([C@@H](C)[C@@](CC[C@@H](C)C3)([H])N3C2)([H])CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O[C@]7([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]7O)CC[C@]6(C)[C@@]5([H])C[C@]41[H])=O</chem>
Yubeiside	<chem>O=C1CC[C@@]2(C)[C@]([C@H](O[C@@]3([H])[C@H](O)[C@@H](O)[C@H](O)[C@@H](CO)O3)C[C@]4(C)[C@]2([H])C[C@]5([H])[C@@]4([H])CC[C@@]6([H])[C@@]5([H])CN7[C@](CC[C@H](C)C7)([H])[C@@H]6C)([H])C1</chem>
Petilinine	<chem>O[C@@H]1CC[C@@]2(C)[C@]([C@@H](O)C[C@]3(C)[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)([H])C1</chem>
Verticine N-oxide	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@@H](O)C[C@]3([H])[C@]2([H])C[C@]4([</chem>

	<chem>H)[C@@]3([H])C[C@@H](C)C5[C@@]4([H])C[N+]6([O-])[C@](CC[C@H](C)C6)([H])[C@]5(O)C)([H])C1</chem>
Imperialine N-oxide	<chem>O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC([H])C5[C@@]4([H])C[N+]6([O-])[C@](CC[C@H](C)C6)([H])[C@]5(O)C)=O)([H])C1</chem>
Petine N-oxide	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC([H])C5[C@@]4([H])C[N+]6([O-])[C@](CC[C@@H](C)C6)([H])[C@]5(O)C)([H])C1</chem>
Isoverticine-β-N-oxide	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC([H])C5[C@@]4([H])C[N+]6([O-])[C@](CC[C@H](C)C6)([H])[C@]5(O)C)([H])C1</chem>
Lichuanisinine	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC([H])C5[C@@]4([H])C[N+]6([O-])[C@](CC[C@H](C)C6)([H])[C@H]5C)([H])C1</chem>
Zhebeininoside	<chem>C[C@H]1O[C@](O[C@@H]2C[C@@]([C@@H](O)C[C@]3([H])[C@]4([H])C5[C@@]3([H])CC[C@@]6([H])[C@@]5([H])CN7[C@@](CC[C@@H](C)C7)(C)[C@@]6(C)O)([H])[C@]4(C)CC2)([H])[C@H](O)[C@@H](O)[C@@H]1O.CO</chem>
Delafrine	<chem>C[C@@]12[C@@](C(O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])C[C@H](O)[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)([H])C[C@@H](O)CC1</chem>

Ddelafrinone	<chem>O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])C[C@H](O)[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)=O)([H])C1</chem>
Pingbeimine B	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@@H](O)C[C@]3([H])[C@]2([H])C[C@]4(O)[C@@]3(O)C[C@H](O)[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C)([H])C1</chem>
Pingbeimine C	<chem>O[C@H]1CC[C@@]2(C)[C@](C([C@@H](O)[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3(O)C[C@H](O)[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C)=O)([H])C1</chem>
Persicanidine A	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)([H])C1</chem>
Fritillarizine(solanidine)	<chem>O[C@@H](C1)CC[C@@]2(C)C1=CC[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@]5(O)C</chem>
Shinonomenine	<chem>O[C@H](C1)CC[C@@]2(C)C1=CC[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@H]5C</chem>
Iso-shinonomenine	<chem>O[C@H](C1)CC[C@@]2(C)C1=CC[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C</chem>
Ziebeimine	<chem>O[C@@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])</chem>

	<chem>H)[C@@]3([H])CCC5=C4CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)([H])C1</chem>
Ebeinone	<chem>O[C@H]1CC[C@@]2(C)[C@](C(C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CCC5=C4CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)=O)([H])C1</chem>
Impericine	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@]([C@@](C[C@H](O)[C@@]4([H])[C@@]5([H])CN6[C@](C=C[C@H](C)C6)([H])[C@@H]4C)([H])[C@@]5([H])C3)([H])C[C@@H](O)[C@]([H])2C1</chem>
Heilonine	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@](C4=CC=C([C@@H](C)[C@@](CC[C@@H](C)C5)([H])N5C6)C6=C4C3)([H])C[C@@H](O)[C@]([H])2C1</chem>
Ussuriedine	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@](C4=CC=C([C@H](C)C(CCC5C6)N6[C@]7(C5)O)C7=C4C3)([H])C[C@@H](O)[C@@]2([H])C1</chem>
Ussuriedinone	<chem>O[C@H](C[C@]12[H])CC[C@]2(C)[C@]3([H])[C@@](C4=CC=C([C@H](C)C(CCC5C6)N6[C@]7(C5)O)C7=C4C3)([H])CC1=O</chem>
Ussurienine	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@](C(C=CC4=C5[C@](OC)(C6)[N@@]7[C@](CC[C@@]6([H])C7)([H])[C@@H]4C)=C5C3)([H])C[C@@H](O)[C@@]2([H])C1</chem>
Ussurienone	<chem>O[C@H](C[C@]12[H])CC[C@]2(C)[C@]3([H])[C@@](C(C=CC4=C5[C@](OC)(C6)[N@@]7[C@](CC[C@H]6C7)([H])[C@@H]4C)=C5C3)([H])CC1=O</chem>
Pingbeinone	<chem>C[C@H]1CC[C@]([C@H](C)[C@@]2([H])[C@]3([H])[C@@](C4)(O)[C@@]([C@@](C5)([H])[C@@]4([H])[C@]6(C)[C@@](C[C@@H](O)CC6)([H])C5=O)([H])CC2)([H])N3C1</chem>

Korseverine	<chem>O[C@H](C[C@]12[H])CC[C@]2(C)C3=C([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]4C)([H])[C@@]5([H])C3)CC1=O</chem>
Korsine	<chem>O[C@H]1CC[C@]2(C)C3=C([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](C[C@H](O)C[C@@H](C)C6)([H])[C@@H]4C)([H])[C@@]5([H])C3)C[C@@H](O)[C@]([H])2C1</chem>
Korseveriline	<chem>O[C@@H]1CC[C@]2(C)[C@]3([H])[C@@]([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]4C)(O)[C@@]5([H])C3)([H])C[C@@H](O)[C@]([H])2C1</chem>
Edpetisine	<chem>O=C1CC[C@]2(C)C3=C([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@H](C)C6)([H])[C@]4(O)C)([H])[C@@]5([H])C3)CC[C@]([H])2C1</chem>
Korselidine	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@]([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@@H](C)C6)([H])[C@]4(O)C)([H])[C@@]5([H])C3)([H])C[C@@H](O)[C@]([H])2C1</chem>
Edpetisidine	<chem>O[C@@H]1CC[C@]2(C)C3=C([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@@H](C)C6)([H])[C@]4(O)C)([H])[C@@]5([H])C3)C[C@@H](O)[C@]([H])2C1</chem>
Korseveridine	<chem>O[C@H]1CC[C@]2(C)[C@@]3([H])C[C@]4([H])C([C@H](O)C[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)=C3CC[C@]([H])2C1</chem>
Korseveramine	<chem>O[C@@H]1CC[C@]2(C)[C@@]3([H])C[C@]4([H])C([C@@H](O)C[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)[C@]3([H])C[</chem>

	<chem>C@H](O)[C@]([H])2C1</chem>
Sewertzidine	<chem>O[C@H]1CC[C@]2(C)[C@@]3([H])C[C@]4([H])[C@](CC[C@@]5([H])[C@@]4([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]5C)(O)[C@]3([H])C[C@@H](O)[C@]([H])2C1</chem>
Persicanidine B	<chem>C[C@@H]1CC[C@H]2C([C@@H]3CC[C@@H]4[C@H]([C@@H]3CN2C1)C[C@H]5[C@H]4C[C@H]([C@@H]6[C@@]5(CC[C@@H](C6)O)C)O)C</chem>
Edpetisinine	<chem>O[C@@H]1CC[C@]2(C)[C@]3([H])[C@@]([C@@]([C@@H](O)C[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]4C)([H])[C@@]5([H])C3)([H])C[C@@H](O)[C@]([H])2C1</chem>
Severine N-oxide	<chem>C[C@]12CC[C@@H](OC(C)=O)C[C@@]([H])1[C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3(O)CC[C@@]5(C)[C@@]4([H])C[N+]6([O-])[C@](C[C@@H](C)C6)([H])[C@@H]5C</chem>
Sevedinine	<chem>O=C1CC[C@]2(C)[C@]3([H])[C@@]([C@@](CC[C@@]4(C)[C@@]5([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]4C)([H])[C@@]5(O)C3)([H])C[C@@H](O)[C@]([H])2C1</chem>
Sevedinedione	<chem>O=C(C[C@]12[H])CC[C@]2(C)[C@]3([H])[C@@]([C@@](CC[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@@H](C)C6)([H])[C@@H]4C)(O)[C@@]5([H])C3)([H])CC1=O</chem>
Chuanbeinone	<chem>C[C@H]1CC[C@]2([H])[C@H](C)[C@]3([H])CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@@]4([H])[C@]3([H])CN2C1)=O</chem>

Siechuantine	<chem>O[C@H]1CC[C@]2(C)C3([H])[C@@](C(CC[C@@]4([H])[C@]([H])5O[C@@]67[C@](NCC(C)[C@@H]6O7)([H])[C@H]4C)(O)C5(C)C3)([H])CCC([H])2C1</chem>
Pingpeimine A	<chem>O[C@H]1CC[C@]2(C)[C@]3([H])[C@@]([C@@](C[C@H](O)[C@@]4([H])[C@@]5([H])CN6[C@](CC[C@H](C)C6)([H])[C@]4(O)C)(O)[C@@]5([H])C3)([H])C[C@H](O)[C@]([H])2C1</chem>
Walujewine E	<chem>[H][C@@]12[C@@]([C@@H](C)[C@](CC[C@H](C)C3)([H])N3C2)([H])CC[C@]4([H])[C@]1(C[C@@]([C@]5(C)[C@]6([H])C[C@@H](O[C@]7([H])O[C@@H](CO)[C@@H](O[C@@]8([H])[C@H](O)[C@@H](O)[C@H](O)[C@@H](CO)O8)[C@H](O)[C@H]7O)CC5)([H])[C@@]4([H])CC6=O)[H]</chem>
Walujewine D	<chem>[H][C@@]12[C@@]([C@H](C)[C@](CC[C@H](C)C3)([H])N3C2)([H])CC[C@]4([H])[C@]1(C[C@@]5([H])[C@@]4([H])C[C@H](O)[C@]6([H])[C@]5(C)CC[C@H](O[C@]7([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]7O)C6)[H]</chem>
Walujewine C	<chem>[H][C@@]12[C@@]([C@H](C)[C@](CC[C@H](C)C3)([H])N3C2)([H])CC[C@]4([H])[C@]1(C[C@@]5([H])[C@@]4([H])C[C@H](O)[C@]6([H])[C@]5(C)CC[C@H](O)C6)[H]</chem>
Walujewine B	<chem>[H][C@@]12[C@@]([C@H](C)[C@](CC[C@H](C)C3)([H])N3C2)([H])CC[C@]4([H])[C@]1(C[C@@]5([H])[C@@]4([H])C[C@@H](O)[C@]6([H])[C@]5(C)CC[C@H](O[C@]7([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]7O)C6)[H]</chem>
Hupehenidine	<chem>O[C@H](C1)CC[C@]([C@@]1([H])[C@H](O)C2)(C)[C@@H](C)[C@]2([H])[C@@]3([H])CC[C@]([C@]4([H])C3)([H])[C@@H](C)[C@@]5([H])N(C[C@@H](C)CC5)C4=O</chem>

Ningpeisine	<chem>CN1C[C@H](C)CC[C@@]1([H])[C@@H](C)[C@]2([H])CC[C@@]3([H])[C@]4([H])CC([C@@]5([H])C[C@@H](O)CC[C@]5(C)[C@@]4([H])C[C@@]3([H])[C@H]2C)=O</chem>
Ningpeisinocide	<chem>CN1C[C@H](C)CC[C@@]1([H])[C@@H](C)[C@]2([H])CC[C@@]3([H])[C@]4([H])CC([C@@]5([H])C[C@@H](OC6[C@H]([C@@H]([C@H]([C@H](CO)O6)O)O)O)CC[C@]5(C)[C@@]4([H])C[C@@]3([H])[C@H]2C)=O</chem>
Impranine	<chem>C[C@H]1CC[C@@]([C@@H](C)[C@]2([H])C=C[C@]([C@@](CC([C@]3([H])[C@]4(C)CC[C@H](O)C3)=O)([H])[C@]4([H])C5([H])[C@]5(C)C2)([H])N(C)C1</chem>
Dihydroimpranine	<chem>C[C@H]1CC[C@@]([C@@H](C)[C@]2([H])C=C[C@]([C@@](C[C@@H](O)[C@]3([H])[C@]4([H])CC[C@H](O)C3)([H])[C@]4([H])C5([H])[C@]5(C)C2)([H])N(C)C1</chem>
Suchengbeisine	<chem>O=C1C[C@@]2([H])[C@]([C@@]3([H])C[C@]2([H])[C@]4(C)[C@]1([H])C[C@@H](O)CC4)([H])CC[C@@]5([H])[C@@]3(C)OC[C@@H]5[C@@H]6NC[C@@H](C)CC6</chem>
Puqienine A	<chem>CN1C[C@H](C)C[C@@H](O)[C@@]1([H])[C@H](C)[C@]2([H])CC[C@]([C@@](C[C@@H](O)[C@]3([H])[C@]4(C)CC[C@H](O)C3)([H])[C@]4([H])C5([H])C5=C2C</chem>
Puqienine B	<chem>CN1C[C@H](C)C[C@@H](O)[C@@]1([H])[C@H](C)[C@]2([H])CC[C@]([C@@](CC([C@]3([H])[C@]4(C)CC[C@H](O)C3)=O)([H])[C@]4([H])C5([H])C5=C2C</chem>



	<chem>@@]4([H])[C@@]5(C)O[C@@]6(CC[C@H](C)CN6)[C@@H]4C)([H])[C@]5([H])C3)([H])C1</chem>
Pengbeimine B	<chem>C[C@H](CN1C)CC[C@@]21[C@H](C)[C@@]3([H])CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@]4([H])[C@]3(C)O2)=O</chem>
Pengbeimine D	<chem>C[C@H](CN1C)CC[C@@]21[C@@H](C)[C@@]3([H])CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@]4([H])[C@]3(C)O2)=O</chem>
Pengbeimine C	<chem>O=C1C[C@@]([C@](CC2)([H])C3=C(C)[C@@H]2[C@H](C)[C@H]4[C@H](C)[C@@H](C)CN4C)O)([H])[C@](C3)([H])[C@@]5(C)[C@@]1([H])C[C@H](O)CC5</chem>
Peimisine	<chem>[H][C@]1([C@H]2C)[C@](C[C@H](C)CN1)([H])O[C@@]32CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])CC4=C3C)=O</chem>
Yibeissine	<chem>[H][C@]1([C@H]2C)[C@](C[C@H](C)CN1)([H])O[C@@]32CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])[C@@H](O)C4=C3C)=O</chem>
Tortifolisine	<chem>[H][C@]1([C@H]2C)[C@](C[C@@H](C)CN1)([H])O[C@@]32CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])CC4=C3C)=O</chem>
Huphenisine	<chem>[H][C@]1([C@H]2C)[C@](C[C@H](C)CN1)([H])O[C@@]32CC[C@@](C4=C3</chem>

	<chem>C([H])[C@]5([H])CC[C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C4=O</chem>
Songbeisine	<chem>[H][C@]1([C@@H]2C)[C@](C[C@H](C)CN1)([H])O[C@@]32CC[C@@](C4=C3C)([H])[C@]5([H])CC[C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C4=O</chem>
23-isokuroyunrinidine	<chem>[H][C@]1([C@H]2C)[C@@](C[C@H](C)CN1)([H])O[C@@]32CC[C@@]4([H])[C@]5([H])C[C@@H](O)[C@@]6([H])C[C@H](O)[C@@H](O)C[C@]6(C)[C@@]5([H])CC4=C3C</chem>
Kuroyunrinidine	<chem>[H][C@]1([C@@H]2C)[C@](C[C@H](C)CN1)([H])O[C@@]32CC[C@@]4([H])[C@]5([H])C[C@@H](O)[C@@]6([H])C[C@H](O)[C@@H](O)C[C@]6(C)[C@@]5([H])CC4=C3C</chem>
Peimisine-3-O-b-D-glucopyranoside	<chem>C[C@@]12[C@](C(C[C@]3([H])[C@]2([H])CC4=C(C)[C@@]5(O[C@@](C[C@H](C)NC6)([H])[C@]6(C)[C@H]5C)CC[C@@]34[H])=O)([H])C[C@@H](O[C@]7([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]7O)CC1</chem>
Walujewine A	<chem>[H][C@]1([C@H]2C)[C@](C[C@H](C)CN1)([H])O[C@@]32CC[C@@]4([H])[C@]5([H])CC([C@@]6([H])C[C@@H](O)CC[C@]6(C)[C@@]5([H])C[C@@]4(O)C3=C)=O</chem>
O-β-D-glucopyranosyl-(1→)-β-D-xylopyranoside	<chem>O[C@H]([C@H]1O)[C@H](O[C@]2([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]2O)CO[C@@]1([H])O[C@@]3CC([C@]4(C)CC3)=CC[C@@]([C@]4([H])CC5)([H])C([C@@]5(C)[C@@]6([H])[C@H](C)[C@@]7([H])CC[C@H](C)CN7C6)=C</chem>

(22R,25s)-solanid-5-enine-3β,5α,6β-triol 15,16-seco-22αH,25βH-solanida-5,14-dien-3β-ol	<chem>O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])CC[C@@]4(C)[C@@]3([H])C[C@@](N5[C@@]([H])6CC[C@H](C)C5)([H])[C@]4([H])[C@@H]6C)(O)C1</chem>
Camtschatcanidine	<chem>O[C@H](C1)CC[C@@]2(C)C1=CC[C@]3([H])[C@]2([H])CC[C@@]4(C)[C@@]3([H])C[C@@](N5[C@@]([H])6CC[C@H](CO)C5)([H])[C@]4([H])[C@@H]6C</chem>
Solanidine	<chem>O[C@H](C1)CC[C@@]2(C)C1=CC[C@]3([H])[C@]2([H])CC[C@@]4(C)[C@@]3([H])C[C@@](N5[C@@]([H])6CC[C@H](C)C5)([H])[C@]4([H])[C@@H]6C</chem>
Solanidine 3-O-α-L-rhamnopyranosyl-(1→2)- [ β-D-glucopyranosyl-(1→4)- ] β-D-glucopyranoside	<chem>C[C@]12C(C[C@@H](O[C@]3([H])O[C@H](CO)[C@@H](O[C@]4([H])O[C@@H](CO)[C@@H](O)[C@H](O)[C@H]4O)[C@H](O)[C@H]3O[C@@]5([H])[C@H](O)[C@H](O)[C@@H](O)[C@H](C)O5)CC2)=CC[C@]6([H])[C@]1([H])CC[C@@]7(C)[C@@]6([H])C[C@@](N8[C@@]([H])9CC[C@H](C)C8)([H])[C@]7([H])[C@@H]9C</chem>
(22S,25S)-Solanid-5-en-3β-ol	<chem>C[C@@H]1CN2[C@@]3([H])C[C@@]4([H])[C@]5([H])CC=C6C[C@@H](O)CC[C@]6(C)[C@@]5([H])CC[C@]4(C)[C@@]3([H])[C@H](C)[C@]2([H])CC1</chem>
(22S,25S)-Solanid-5,20(21)-dien-3β-ol	<chem>C[C@@H]1CN([C@@]2([H])CC1)[C@@]3([H])C[C@@]4([H])[C@]5([H])CC=C6C[C@@H](O)CC[C@]6(C)[C@@]5([H])CC[C@]4(C)[C@@]3([H])C2=C</chem>
Hapepunine	<chem>O[C@H]1C[C@@]2([H])[C@]3([H])CC=C4C[C@@H](O)CC[C@]4(C)[C@@]3([H])CC[C@]2(C)[C@@]1([H])[C@H](C)[C@]5([H])CC[C@H](C)CN5C</chem>
Anrakorinine	<chem>O[C@H]1C[C@@]2([H])[C@]3([H])CC=C4C[C@@H](O)CC[C@]4(C)[C@@]</chem>

	<chem>3([H])CC[C@]2(CO)[C@@]1([H])[C@H](C)[C@]5([H])CC[C@H](C)CN5C</chem>
Pingbeinine	<chem>O[C@H]1C[C@@]2([H])[C@]3([H])CC=C4C[C@@H](O)CC[C@]4(C)[C@@]3([H])CC[C@]2(C)[C@@]1([H])[C@H](C)[C@@]5([H])CC[C@@](O)(C)CN5C</chem>
Pingbeinoside	<chem>O[C@H]1C[C@@]2([H])[C@]3([H])CC=C4C[C@@H](O[C@]5([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]5O)CC[C@]4(C)[C@@]3([H])CC[C@]2(C)[C@@]1([H])[C@H](C)[C@@]6([H])CC[C@@](O)(C)CN6C</chem>
Hapepunine 3-0-β-cellobioside	<chem>O[C@H]1C[C@@]2([H])[C@]3([H])CC=C4C[C@@H](O[C@]5([H])O[C@H](CO)[C@@H](O[C@]6([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]6O)[C@H](O)[C@H]5O)CC[C@]4(C)[C@@]3([H])CC[C@]2(C)[C@@]1([H])[C@H](C)C7([H])CC[C@H](C)CN7C.C</chem>
Pingbeidoside	<chem>O[C@@H]1C[C@@]2([H])[C@]3([H])CC=C4C[C@@H](O)CC[C@]4(C)[C@@]3([H])CC[C@]2(C)[C@@]1([H])[C@@](C)(O)[C@@]5([H])CC[C@](O[C@@H]6O[C@H](CO)[C@@H](O)[C@H](O)[C@H]6O)(C)CN5C</chem>
Puqietinone	<chem>CC(CN1C)CCC1[C@@H](C)[C@@]2([H])CC[C@@]3([H])[C@]4([H])CC([C@@]5([H])C[C@@H](O)CC[C@]5(C)[C@@]4([H])CC[C@@]32C)=O</chem>
Yibeinoside C	<chem>C[C@H](CN1)CC[C@]1([H])[C@@H](C)[C@@]2([H])CC[C@@]3([H])[C@]4([H])CC([C@@]5([H])C[C@@H](O[C@]6([H])O[C@H](CO)[C@H](O[C@]7([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]7O)[C@H](O)[C@H]6O)CC[C@]5(C)[C@@]4([H])CC[C@@]32C)=O</chem>
Puqietinonoside	<chem>C[C@H]1CC[C@@H](N(C1)C)[C@@H](C)[C@H]2CC[C@@H]3[C@@]2(CC[</chem>

	<chem>C[C@H]4[C@H]3CC(=O)[C@@H]5[C@@]4(CC[C@@H](C5)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)CO)O)O)O)C</chem>
N-demethylpuqietinone	<chem>C[C@H]1CC[C@@H](NC1)[C@@H](C)[C@H]2CC[C@@H]3[C@@]2(CC[C@@H]4[C@H]3CC(=O)[C@@H]5[C@@]4(CC[C@@H](C5)O)C)C</chem>
( 20R,25R ) -23 , 26-epimino-3β-hydroxy-5α-cholest-23(N ) -ene-6,22-dione	<chem>C[C@@]12[C@@]([H])(CCC2[C@@H](C(C3=NCC(C)C3)=O)C)[C@]4([H])C[C@@]5([H])C[C@@H](O)CC[C@]5(C)[C@@]4([H])CC1=O</chem>
( 20R,25R ) -23 , 26-epimino-3β-hydroxy-5α-cholest-23(N ) -ene-6, 22-dione-3-0-β-D-glucopyranoside cbeietinone	<chem>C[C@@]12[C@@]([H])(CCC2[C@@H](C(C3=NCC(C)C3)=O)C)[C@]4([H])C[C@@]5([H])C[C@@H](O[C@]6([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]6O)CC[C@]5(C)[C@@]4([H])CC1=O</chem>
( 25R ) -23 , 26-epimino-3β-hydroxy-5α-cholest-23(N ) -ene-6,22-dione	<chem>C[C@@]12[C@@]([H])(CCC2[C@@H](C(C3=NCC(C)C3)=O)C)[C@]4([H])CC([C@@]5([H])C[C@@H](O)CC[C@]5(C)[C@@]4([H])CC1=O</chem>
( 25R ) -23 , 26-epimino-3β-hydroxy-5α-cholest-23(N ) -ene-6,22-dione 3-O-β-D-glucopyranoside	<chem>C[C@@]12[C@@]([H])(CCC2[C@@H](C(C3=NCC(C)C3)=O)C)[C@]4([H])CC([C@@]5([H])C[C@@H](O[C@]6([H])O[C@H](CO)[C@@H](O)[C@H](O)[C@H]6O)CC[C@]5(C)[C@@]4([H])CC1=O</chem>
25-Isosolafloridine	<chem>C[C@H]1CCC([C@@H](C)[C@@]2([H])[C@H](O)C[C@@]3([H])[C@]4([H])CC[C@@]5([H])C[C@@H](O)CC[C@]5(C)[C@@]4([H])CC[C@@]32C)=NC1</chem>
Ebeietinone	<chem>C[C@H]1CCC([C@@H](C)[C@@]2([H])CC[C@@]3([H])[C@]4([H])CC([C@]</chem>

	<chem>5(O)C[C@@H](O)CC[C@]5(C)[C@@]4([H])CC[C@@]32C=O)=NC1</chem>
Fetisinine	<chem>CC(C=N1)=CC(O)=C1[C@@H](C)[C@@]2([H])CC[C@@]3([H])[C@]4([H])C C([C@@]5([H])C[C@H](O)CC[C@]5(C)[C@@]4([H])CC[C@@]32C)=O</chem>
Puqietinedione	<chem>C[C@H](CN1C)CC[C@]1([H])[C@@H](C)[C@@]2([H])CC[C@@]3([H])[C@] 4([H])CC([C@@]5([H])CC(CC[C@]5(C)[C@@]4([H])CC[C@@]32C)=O)=O</chem>

Table SII. Survival rates of A549 cells treated with eight alkaloids for 48 h.

Alkaloid	Concentration, $\mu\text{M}$					
	1	5	10	15 $\mu\text{M}$	30 $\mu\text{M}$	60 $\mu\text{M}$
Imperialine	-	-	-	91.88 $\pm$ 10.26	90.20 $\pm$ 7.6u1	100.27 $\pm$ 5.67
Verticinone	93.93 $\pm$ 1.86	81.07 $\pm$ 7.18 <sup>a</sup>	78.03 $\pm$ 9.02 <sup>b</sup>	78.30 $\pm$ 8.71 <sup>b</sup>	65.00 $\pm$ 11.15 <sup>c</sup>	66.77 $\pm$ 9.80 <sup>c</sup>
Verticine	-	-	-	91.63 $\pm$ 11.43	85.73 $\pm$ 3.93	101.13 $\pm$ 7.43
Imperialine-3- $\beta$ - D-glucoside	-	-	-	89.78 $\pm$ 2.82	90.03 $\pm$ 7.44	97.27 $\pm$ 5.52
Delavine	101.60 $\pm$ 4.35	89.73 $\pm$ 2.16	86.50 $\pm$ 5.43	83.53 $\pm$ 4.33 <sup>a</sup>	81.27 $\pm$ 6.18 <sup>a</sup>	82.43 $\pm$ 7.20 <sup>a</sup>
Peimisine	-	-	-	97.33 $\pm$ 11.21	96.80 $\pm$ 11.06	109.40 $\pm$ 3.72
Ebeiedinone	94.83 $\pm$ 5.85	90.23 $\pm$ 1.747	81.87 $\pm$ 9.87 <sup>a</sup>	71.45 $\pm$ 6.69 <sup>b</sup>	67.00 $\pm$ 5.56 <sup>b</sup>	57.73 $\pm$ 13.59 <sup>b</sup>
Delavinone	-	-	-	93.65 $\pm$ 5.28	91.80 $\pm$ 7.14	99.47 $\pm$ 7.18

<sup>a</sup>P<0.05, <sup>b</sup>P<0.01, <sup>c</sup>P<0.001, vs. control.

Table SIII. Survival rates of NCI-H1299 cells treated with eight alkaloids for 48h (%)

Alkaloid	Concentration, $\mu\text{M}$					
	1	5	10 $\mu\text{M}$	15 $\mu\text{M}$	30 $\mu\text{M}$	60 $\mu\text{M}$
Imperialine	-	-	-	90.50 $\pm$ 3.25	89.03 $\pm$ 5.58	86.35 $\pm$ 3.89
Verticinone	95.73 $\pm$ 4.21	85.93 $\pm$ 5.25	80.40 $\pm$ 9.27 <sup>a</sup>	75.20 $\pm$ 3.80 <sup>a</sup>	77.37 $\pm$ 9.59 <sup>a</sup>	74.90 $\pm$ 10.89 <sup>b</sup>
Verticine	-	-	-	94.20 $\pm$ 5.52	97.20 $\pm$ 8.58	93.25 $\pm$ 13.93
Imperialine-3- $\beta$ -D-glucoside	-	-	-	90.20 $\pm$ 4.10	99.83 $\pm$ 7.81	98.15 $\pm$ 10.96
Delavine	97.77 $\pm$ 3.41	94.97 $\pm$ 3.40	89.10 $\pm$ 2.63	85.23 $\pm$ 7.46	86.50 $\pm$ 4.78	83.05 $\pm$ 6.86 <sup>a</sup>
Peimisine	-	-	-	95.70 $\pm$ 3.68	103.27 $\pm$ 6.59	103.35 $\pm$ 12.80
Ebeiedinone	95.17 $\pm$ 2.64	91.27 $\pm$ 8.02	83.80 $\pm$ 2.16 <sup>a</sup>	82.73 $\pm$ 9.34 <sup>a</sup>	74.03 $\pm$ 3.63 <sup>b</sup>	65.10 $\pm$ 0.99 <sup>c</sup>
Delavinone	-	-	-	99.75 $\pm$ 0.636	103.80 $\pm$ 5.78	101.15 $\pm$ 1.91

<sup>a</sup>P<0.05, <sup>b</sup>P<0.01, <sup>c</sup>P<0.001, vs. control.

Table SIV. Survival rate (%) of NCI-H1975 cells treated with eight alkaloids for 48 h.

	Concentration, $\mu\text{M}$	
Compound	15	30 $\mu\text{M}$
Imperialine	116.35 $\pm$ 11.24	111.90 $\pm$ 2.69
Verticinone	97.50 $\pm$ 1.41	95.80 $\pm$ 6.65
Verticine	117.05 $\pm$ 0.64	114.05 $\pm$ 0.49
Imperialine-3- $\beta$ -D-glucoside	114.80 $\pm$ 4.10	114.20 $\pm$ 1.84
Delavine	107.15 $\pm$ 3.89	101.20 $\pm$ 5.94
Peimisine	108.35 $\pm$ 3.18	109.80 $\pm$ 2.40
Ebeiedinone	92.40 $\pm$ 0.71	89.65 $\pm$ 8.98
Delavinone	109.25 $\pm$ 4.74	106.65 $\pm$ 5.02