

Table 1. Class I. Disintegrins and related antagonists of fibrinogen receptor glycoprotein IIb/IIIa complex (GPIIb/IIIa)

Name	Species	Physical Properties	IC₅₀	References
Accutin	<i>Agkistrodon acutus</i>	5241 Da, 47aa	66-267 nM	99
Agkistrostatin	<i>Agkistrodon piscivorus</i>			7
Albolabrin	<i>Trimeresurus albolabris</i>	7574 Da, 73 aa, single chain, pI 4.27	220 nM	100
Applaggin	<i>Agkistrodon piscivorus piscivorus</i>	17 700 Da, 71 aa, a disulfide linked homodimer	12-128 nM	101, 102
Arietin /Bitistatin	<i>Bitis arietans</i>	8500 Da	130-270 nM	103, 104
Barbourin	<i>Sistrurus m. barbouri</i>	73 aa	309 nM	20
Batroxostatin	<i>Bothrops atrox</i>	71 aa	133 nM	105
Bitan	<i>Bitis arietans</i>	8987 Da, 83aa	108 nM	106
Bitistatin	<i>Bitis arietans</i>	9022 Da, 83aa, single chain	237 nM	107
Carinatin	<i>Echis carinatus</i>	6 800 Da, acidic glycoprotein, 22.1 % neutral sugars, pI 4.8	1.47 nM	2, 3
Cerastatin	<i>Cerastes cerastes</i>	32 000 Da, pI 6.2, glycoprotein, oligometric structure	2.3 nM	108
Contortrostatin	<i>Agkistrodon contortrix contortrix</i>	15 000 Da, homodimer, 13 500 Da	49 – 1 150 nM for platelet of different species	14
Crotavirin	<i>Crotalus viridis</i>	9200 Da, single chain	110 nM	109
Echistatin 1	<i>Echis carinatus</i>	5400 Da, 49aa, pI 8.3	30 nM	106
Echistatin 2	<i>Echis carinatus</i>	5243 Da, 47aa	555 nM	4, 106
Elegantin	<i>Trimeresurus elegans</i>	7806 Da, 73 aa, pI 4.69, single chain	136 nM	100
Eristocophin	<i>Eristocophis macmahoni</i>			20
Eristostatin	<i>Eristocophis macmahoni</i>	5 400 Da, 49 aa	59 nM	110, 111
Flavoridin	<i>Trimeresurus flavoviridis</i>	70 aa	50 nM	7
Flavostatin	<i>Trimeresurus flavoviridis</i>	7 304 Da, 68 aa	59-111 nM	112, 113
Gabonin	<i>Bitis gabonica</i>	21 000 Da, 84 aa, disulfide-linked homodimer, pI 9.2	340– 1600 nM	114
Halysin	<i>Agkistrodon halys</i>	7500 Da, 71aa single chain	160-360 nM	115
Kistrin	<i>Calloselasma (Agkistrodon) rhodostoma</i>	7318 Da, 68aa	105-128 nM	106
Multisquamatin	<i>Echis multisquamatus</i>	5700 Da	97-333 nM for platelet of different species	116
Rhodostomin	<i>Calloselasma (Agkistrodon) rhodostoma</i>			7, 12
Salmosin 1	<i>Agkistrodon halys brevicandus</i>	7474 Da, 73 aa, single chain	131 nM	117, 118
Salmosin 2		73 aa (by cDNA)	-	
Salmosin 3		80 aa (by cDNA)	-	
Tergeminin	<i>Sistrurus c. tergeminus</i>			20
Triflavin	<i>Trimeresurus flavoviridis</i>			119, 120
Trigramin	<i>Trimeresurus gramineus</i>	7 500 Da, 72 aa, pI 5.61		5, 106, 121
Trigramin 1		7 551 Da, 72 aa	300 nM	
Trigramin 2		7 623 Da, 73 aa	170 nM	
Trigramin		7 563 Da, 73 aa	240 nM	

<u>Name</u>	<u>Species</u>	<u>Physical Properties</u>	<u>IC₅₀</u>	<u>References</u>
Trimucrin	<i>Trimeresurus mucrosquamatus</i>	71 aa (by cDNA)		122
Ussuristatin 1	<i>Agkistrodon ussuriensis</i>	7 458 Da, 71 aa, single chain	17-33 nM	21
Ussuristatin 2		7 385 Da, 71 aa, disulfide-linked homodimer	140-290 nM	
Venom inhibitor	<i>Calloselasma (Agkistrodon) rhodostoma</i>	31 000 Da, 266 aa dimer, glycoprotein, 8.3 % neutral sugars	160-320 nM	123