

SEQUENCE LISTING

<110> INTREXON CORPORATION
Hormann, Robert E.
Shulman, Inna
Rodel, Eva
Hilfiker, Rolf
De Paul, Susan M.

<120> CRYSTALLINE DIACYLHYDRAZINE AND THE USE THEREOF

<130> 2584.107PC01

<140> To Be Assigned

<141> 2012-08-30

<150> 61/532,368

<151> 2011-09-08

<160> 2

<170> PatentIn version 3.5

<210> 1

<211> 240

<212> PRT

<213> Choristoneura fumiferana

<400> 1

Leu	Thr	Ala	Asn	Gln	Gln	Phe	Leu	Ile	Ala	Arg	Leu	Ile	Trp	Tyr	Gln
1				5					10					15	

Asp	Gly	Tyr	Glu	Gln	Pro	Ser	Asp	Glu	Asp	Leu	Lys	Arg	Ile	Thr	Gln
			20					25					30		

Thr	Trp	Gln	Gln	Ala	Asp	Asp	Glu	Asn	Glu	Glu	Ser	Asp	Thr	Pro	Phe
		35					40					45			

Arg	Gln	Ile	Thr	Glu	Met	Thr	Ile	Leu	Thr	Val	Gln	Leu	Ile	Val	Glu
	50					55					60				

Phe	Ala	Lys	Gly	Leu	Pro	Gly	Phe	Ala	Lys	Ile	Ser	Gln	Pro	Asp	Gln
65					70					75					80

Ile	Thr	Leu	Leu	Lys	Ala	Cys	Ser	Ser	Glu	Val	Met	Met	Leu	Arg	Val
				85					90					95	

Ala	Arg	Arg	Tyr	Asp	Ala	Ala	Ser	Asp	Ser	Val	Leu	Phe	Ala	Asn	Asn
			100					105					110		

Gln Ala Tyr Thr Arg Asp Asn Tyr Arg Lys Ala Gly Met Ala Tyr Val
 115 120 125

Ile Glu Asp Leu Leu His Phe Cys Arg Cys Met Tyr Ser Met Ala Leu
 130 135 140

Asp Asn Ile His Tyr Ala Leu Leu Thr Ala Val Val Ile Phe Ser Asp
 145 150 155 160

Arg Pro Gly Leu Glu Gln Pro Gln Leu Val Glu Glu Ile Gln Arg Tyr
 165 170 175

Tyr Leu Asn Thr Leu Arg Ile Tyr Ile Leu Asn Gln Leu Ser Gly Ser
 180 185 190

Ala Arg Ser Ser Val Ile Tyr Gly Lys Ile Leu Ser Ile Leu Ser Glu
 195 200 205

Leu Arg Thr Leu Gly Met Gln Asn Ser Asn Met Cys Ile Ser Leu Lys
 210 215 220

Leu Lys Asn Arg Lys Leu Pro Pro Phe Leu Glu Glu Ile Trp Asp Val
 225 230 235 240

<210> 2
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Helokinestatin

<400> 2

Gly Pro Pro Tyr Gln Pro Leu Val Pro Arg
 1 5 10