

SEQUENCE LISTING

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<120> Nitrile-Containing Antiviral Compounds

<130> PC072660A

<150> US 63/073,982

<151> 2020-09-03

<150> US 63/143,435

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<150> US 63/170,158

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<160> 2

<170> PatentIn version 3.5

<210> 1

<211> 306

<212> PRT

<213> Homo sapiens

<400> 1

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Met	Val	Gln	Val	Thr	Cys	Gly	Thr	Thr	Thr	Leu	Asn	Gly	Leu	Trp	Leu
		20					25					30			

Asp	Asp	Val	Val	Tyr	Cys	Pro	Arg	His	Val	Ile	Cys	Thr	Ser	Glu	Asp
		35				40					45				

Met	Leu	Asn	Pro	Asn	Tyr	Glu	Asp	Leu	Leu	Ile	Arg	Lys	Ser	Asn	His
	50					55				60					

Asn Phe Leu Val Gln Ala Gly Asn Val Gln Leu Arg Val Ile Gly His
65 70 75 80

Ser Met Gln Asn Cys Val Leu Lys Leu Lys Val Asp Thr Ala Asn Pro
85 90 95

Lys Thr Pro Lys Tyr Lys Phe Val Arg Ile Gln Pro Gly Gln Thr Phe
100 105 110

Ser Val Leu Ala Cys Tyr Asn Gly Ser Pro Ser Gly Val Tyr Gln Cys
115 120 125

Ala Met Arg Pro Asn Phe Thr Ile Lys Gly Ser Phe Leu Asn Gly Ser
130 135 140

Cys Gly Ser Val Gly Phe Asn Ile Asp Tyr Asp Cys Val Ser Phe Cys
145 150 155 160

Tyr Met His His Met Glu Leu Pro Thr Gly Val His Ala Gly Thr Asp
165 170 175

Leu Glu Gly Asn Phe Tyr Gly Pro Phe Val Asp Arg Gln Thr Ala Gln
180 185 190

Ala Ala Gly Thr Asp Thr Thr Ile Thr Val Asn Val Leu Ala Trp Leu
195 200 205

Tyr Ala Ala Val Ile Asn Gly Asp Arg Trp Phe Leu Asn Arg Phe Thr
210 215 220

Thr Thr Leu Asn Asp Phe Asn Leu Val Ala Met Lys Tyr Asn Tyr Glu
225 230 235 240

Pro Leu Thr Gln Asp His Val Asp Ile Leu Gly Pro Leu Ser Ala Gln
245 250 255

Thr Gly Ile Ala Val Leu Asp Met Cys Ala Ser Leu Lys Glu Leu Leu
260 265 270

Gln Asn Gly Met Asn Gly Arg Thr Ile Leu Gly Ser Ala Leu Leu Glu
275 280 285

Asp Glu Phe Thr Pro Phe Asp Val Val Arg Gln Cys Ser Gly Val Thr
290 295 300

Phe Gln
305

<210> 2
<211> 306
<212> PRT
<213> Homo sapiens

<400> 2

Ser Gly Phe Arg Lys Met Ala Phe Pro Ser Gly Lys Val Glu Gly Cys
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Met Val Gln Val Thr Cys Gly Thr Thr Thr Leu Asn Gly Leu Trp Leu
20 25 30

Asp Asp Val Val Tyr Cys Pro Arg His Val Ile Cys Thr Ser Glu Asp
35 40 45

Met Leu Asn Pro Asn Tyr Glu Asp Leu Leu Ile Arg Lys Ser Asn His
50 55 60

Asn Phe Leu Val Gln Ala Gly Asn Val Gln Leu Arg Val Ile Gly His
65 70 75 80

Ser Met Gln Asn Cys Val Leu Lys Leu Lys Val Asp Thr Ala Asn Pro
85 90 95

Lys Thr Pro Lys Tyr Lys Phe Val Arg Ile Gln Pro Gly Gln Thr Phe
100 105 110

Ser Val Leu Ala Cys Tyr Asn Gly Ser Pro Ser Gly Val Tyr Gln Cys
115 120 125

Ala Met Arg Pro Asn Phe Thr Ile Lys Gly Ser Phe Leu Asn Gly Ser

130

135

140

Cys Gly Ser Val Gly Phe Asn Ile Asp Tyr Asp Cys Val Ser Phe Cys
 145 150 155 160

Tyr Met His His Met Glu Leu Pro Thr Gly Val His Ala Gly Thr Asp
 165 170 175

Leu Glu Gly Asn Phe Tyr Gly Pro Phe Val Asp Arg Gln Thr Ala Gln
 180 185 190

Ala Ala Gly Thr Asp Thr Thr Ile Thr Val Asn Val Leu Ala Trp Leu
 195 200 205

Tyr Ala Ala Val Ile Asn Gly Asp Arg Trp Phe Leu Asn Arg Phe Thr
 210 215 220

Thr Thr Leu Asn Asp Phe Asn Leu Val Ala Met Lys Tyr Asn Tyr Glu
 225 230 235 240

Pro Leu Thr Gln Asp His Val Asp Ile Leu Gly Pro Leu Ser Ala Gln
 245 250 255

Thr Gly Ile Ala Val Leu Asp Met Cys Ala Ser Leu Lys Glu Leu Leu
 260 265 270

Gln Asn Gly Met Asn Gly Arg Thr Ile Leu Gly Ser Ala Leu Leu Glu
 275 280 285

Asp Glu Phe Thr Pro Phe Asp Val Val Arg Gln Cys Ser Gly Val Thr
 290 295 300

Phe Gln
 305