

LISTADO DE SECUENCIAS

<110> Pfizer Inc.
CTXT PTY LTD

<120> Derivados de benzisoxazol sulfonamida

<130> PC072525A

<150> US 62/863,199
<151> 2019-06-18

<150> US 62/953,223
<151> 2019-12-24

<150> US 63/025,278
<151> 2020-05-15

<160> 7

<170> FastSEQ para windows version 4.0

<210> 1
<211> 20
<212> PRT
<213> Homo sapiens

<400> 1
Ala Arg Thr Lys Gln Thr Ala Arg Lys Ser Thr Gly Gly Lys Ala Pro
1 5 10 15
Arg Lys Gln Leu
20

<210> 2
<211> 20
<212> PRT
<213> Homo sapiens

<400> 2
Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
1 5 10 15
Arg His Arg Lys
20

<210> 3
<211> 21
<212> PRT
<213> Homo sapiens

<400> 3
Ala Arg Thr Lys Gln Thr Ala Arg Lys Ser Thr Gly Gly Lys Ala Pro
1 5 10 15
Arg Lys Gln Leu Ala
20

<210> 4
<211> 21
<212> PRT
<213> Homo sapiens

<400> 4
Ser Gly Arg Gly Lys Gly Gly Lys Gly Leu Gly Lys Gly Gly Ala Lys
1 5 10 15
Arg His Arg Lys Val
20

<210> 5
<211> 480
<212> PRT
<213> Secuencia Artificial

<220>
<223> Proteína KAT7 modificada

<400> 5
Met Gly His His His His His His Gly Thr Glu Asn Leu Tyr Phe Gln
1 5 10 15
Gly Ser Ala Glu Val Gly Glu Ile Ile Glu Gly Cys Arg Leu Pro Val
20 25 30
Leu Arg Arg Asn Gln Asp Asn Glu Asp Glu Trp Pro Leu Ala Glu Ile
35 40 45
Leu Ser Val Lys Asp Ile Ser Gly Arg Lys Leu Phe Tyr Val His Tyr
50 55 60
Ile Asp Phe Asn Lys Arg Leu Asp Glu Trp Val Thr His Glu Arg Leu
65 70 75 80
Asp Leu Lys Lys Ile Gln Phe Pro Lys Lys Glu Ala Lys Thr Pro Thr
85 90 95
Lys Asn Gly Leu Pro Gly Ser Arg Pro Gly Ser Pro Glu Arg Glu Val
100 105 110
Lys Arg Lys Val Glu Val Val Ser Pro Ala Thr Pro Val Pro Ser Glu
115 120 125
Thr Ala Pro Ala Ser Val Phe Pro Gln Asn Gly Ala Ala Arg Arg Ala
130 135 140
Val Ala Ala Gln Pro Gly Arg Lys Arg Lys Ser Asn Cys Leu Gly Thr
145 150 155 160
Asp Glu Asp Ser Gln Asp Ser Ser Asp Gly Ile Pro Ser Ala Pro Arg
165 170 175
Met Thr Gly Ser Leu Val Ser Asp Arg Ser His Asp Asp Ile Val Thr
180 185 190
Arg Met Lys Asn Ile Glu Cys Ile Glu Leu Gly Arg His Arg Leu Lys
195 200 205
Pro Trp Tyr Phe Ser Pro Tyr Pro Gln Glu Leu Thr Thr Leu Pro Val

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210      215      220
Leu Tyr Leu Cys Glu Phe Cys Leu Lys Tyr Gly Arg Ser Leu Lys Cys
225      230      235
Leu Gln Arg His Leu Thr Lys Cys Asp Leu Arg His Pro Pro Gly Asn
245      250      255
Glu Ile Tyr Arg Lys Gly Thr Ile Ser Phe Phe Glu Ile Asp Gly Arg
260      265      270
Lys Asn Lys Ser Tyr Ser Gln Asn Leu Cys Leu Leu Ala Lys Cys Phe
275      280      285
Leu Asp His Lys Thr Leu Tyr Tyr Asp Thr Asp Pro Phe Leu Phe Tyr
290      295      300
Val Met Thr Glu Tyr Asp Cys Lys Gly Phe His Ile Val Gly Tyr Phe
305      310      315
Ser Lys Glu Lys Glu Ser Thr Glu Asp Tyr Asn Val Ala Cys Ile Leu
325      330      335
Thr Leu Pro Pro Tyr Gln Arg Arg Gly Tyr Gly Lys Leu Leu Ile Glu
340      345      350
Phe Ser Tyr Glu Leu Ser Lys Val Glu Gly Lys Thr Gly Thr Pro Glu
355      360      365
Lys Pro Leu Ser Asp Leu Gly Leu Leu Ser Tyr Arg Ser Tyr Trp Ser
370      375      380
Gln Thr Ile Leu Glu Ile Leu Met Gly Leu Lys Ser Glu Ser Gly Glu
385      390      395
Arg Pro Gln Ile Thr Ile Asn Glu Ile Ser Glu Ile Thr Ser Ile Lys
405      410      415
Lys Glu Asp Val Ile Ser Thr Leu Gln Tyr Leu Asn Leu Ile Asn Tyr
420      425      430
Tyr Lys Gly Gln Tyr Ile Leu Thr Leu Ser Glu Asp Ile Val Asp Gly
435      440      445
His Glu Arg Ala Met Leu Lys Arg Leu Leu Arg Ile Asp Ser Lys Cys
450      455      460
Leu His Phe Thr Pro Lys Asp Trp Ser Lys Arg Gly Lys Trp Ala Ser
465      470      475      480

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<210> 6
<211> 791
<212> PRT
<213> Secuencia Artificial

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<220>
<223> Proteína KAT7 modificada

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<400> 6
Met Asn Lys Glu Ile Leu Ala Val Val Glu Ala Val Ser Asn Glu Lys
1      5      10      15
Ala Leu Pro Arg Glu Lys Ile Phe Glu Ala Leu Glu Ser Ala Leu Ala
20      25      30
Thr Ala Thr Lys Lys Lys Tyr Glu Gln Glu Ile Asp Val Arg Val Gln
35      40      45
Ile Asp Arg Lys Ser Gly Asp Phe Asp Thr Phe Arg Arg Trp Leu Val
50      55      60
Val Asp Glu Val Thr Gln Pro Thr Lys Glu Ile Thr Leu Glu Ala Ala
65      70      75      80
Arg Tyr Glu Asp Glu Ser Leu Asn Leu Gly Asp Tyr Val Glu Asp Gln
85      90      95
Ile Glu Ser Val Thr Phe Asp Arg Ile Thr Thr Gln Thr Ala Lys Gln
100      105      110
Val Ile Val Gln Lys Val Arg Glu Ala Glu Arg Ala Met Val Val Asp
115      120      125
Gln Phe Arg Glu His Glu Gly Glu Ile Ile Thr Gly Val Val Lys Lys
130      135      140
Val Asn Arg Asp Asn Ile Ser Leu Asp Leu Gly Asn Asn Ala Glu Ala
145      150      155      160
Val Ile Leu Arg Glu Asp Met Leu Pro Arg Glu Asn Phe Arg Pro Gly
165      170      175
Asp Arg Val Arg Gly Val Leu Tyr Ser Val Arg Pro Glu Ala Arg Gly
180      185      190
Ala Gln Leu Phe Val Thr Arg Ser Lys Pro Glu Met Leu Ile Glu Leu
195      200      205
Phe Arg Ile Glu Val Pro Glu Ile Gly Glu Glu Val Ile Glu Ile Lys
210      215      220
Ala Ala Ala Arg Asp Pro Gly Ser Arg Ala Lys Ile Ala Val Lys Thr
225      230      235
Asn Asp Lys Arg Ile Asp Pro Val Gly Ala Cys Val Gly Met Arg Gly
245      250      255
Ala Arg Val Gln Ala Val Ser Thr Glu Leu Gly Gly Glu Arg Ile Asp
260      265      270
Ile Val Leu Trp Asp Asp Asn Pro Ala Gln Phe Val Ile Asn Ala Met
275      280      285
Ala Pro Ala Asp Val Ala Ser Ile Val Val Asp Glu Asp Lys His Thr
290      295      300
Met Asp Ile Ala Val Glu Ala Gly Asn Leu Ala Gln Ala Ile Gly Arg
305      310      315
Asn Gly Gln Asn Val Arg Leu Ala Ser Gln Leu Ser Gly Trp Glu Leu
325      330      335
Asn Val Met Thr Val Asp Asp Leu Gln Ala Lys His Gln Ala Glu Ala
340      345      350
His Ala Ala Ile Asp Thr Phe Thr Lys Tyr Leu Asp Ile Asp Glu Asp
355      360      365
Phe Ala Thr Val Leu Val Glu Gly Phe Ser Thr Leu Glu Glu Leu
370      375      380
Ala Tyr Val Pro Met Lys Glu Leu Leu Glu Ile Glu Gly Leu Asp Glu
385      390      395
Pro Thr Val Glu Ala Leu Arg Glu Arg Ala Lys Asn Ala Leu Ala Thr
405      410      415
Ile Ala Gln Ala Gln Glu Glu Ser Leu Gly Asp Asn Lys Pro Ala Asp
420      425      430
Asp Leu Leu Asn Leu Glu Gly Val Asp Arg Asp Leu Ala Phe Lys Leu
435      440      445
Ala Ala Arg Gly Val Cys Thr Leu Glu Asp Leu Ala Glu Gln Gly Ile
450      455      460
Asp Asp Leu Ala Asp Ile Glu Gly Leu Thr Asp Glu Lys Ala Gly Ala
465      470      475      480

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Leu	Ile	Met	Ala	Ala	Arg	Asn	Ile	Cys	Trp	Phe	Gly	Asp	Glu	Ala	Thr
			485	His	His	His	His	His	His	Ser	Ala	Gly	Glu	Asn	Leu
Ser	Gly	Ser	Gly	His	His	His	His	His	His	Ser	Ala	Gly	Glu	Asn	Leu
			500	Ala	Met	Gly	Arg	Cys	Pro	Ser	Val	Ile	Glu	Phe	Gly
Tyr	Phe	Gln	Gly	Ala	Met	Gly	Arg	Cys	Pro	Ser	Val	Ile	Glu	Phe	Gly
		515					520					525			
Lys	Tyr	Glu	Ile	His	Thr	Trp	Tyr	Ser	Ser	Pro	Tyr	Pro	Gln	Glu	Tyr
	530					535					540				
Ser	Arg	Leu	Pro	Lys	Leu	Tyr	Leu	Cys	Glu	Phe	Cys	Leu	Lys	Tyr	Met
	545				550					555					560
Lys	Ser	Arg	Thr	Ile	Leu	Gln	Gln	His	Met	Lys	Lys	Cys	Gly	Trp	Phe
				565					570					575	
His	Pro	Pro	Val	Asn	Glu	Ile	Tyr	Arg	Lys	Asn	Asn	Ile	Ser	Val	Phe
			580					585					590		
Glu	Val	Asp	Gly	Asn	Val	Ser	Thr	Ile	Tyr	Cys	Gln	Asn	Leu	Cys	Leu
		595					600					605			
Leu	Ala	Lys	Leu	Phe	Leu	Asp	His	Lys	Thr	Leu	Tyr	Asp	Val	Glu	
	610					615					620				
Pro	Phe	Leu	Phe	Tyr	Val	Leu	Thr	Gln	Asn	Asp	Val	Lys	Gly	Cys	His
	625				630					635					640
Leu	Val	Gly	Tyr	Phe	Ser	Lys	Glu	Lys	His	Cys	Gln	Gln	Lys	Tyr	Asn
				645					650					655	
Val	Ser	Cys	Ile	Met	Ile	Leu	Pro	Gln	Tyr	Gln	Arg	Lys	Gly	Tyr	Gly
			660					665					670		
Arg	Phe	Leu	Ile	Asp	Phe	Ser	Tyr	Leu	Leu	Ser	Lys	Arg	Glu	Gly	Gln
		675					680					685			
Ala	Gly	Ser	Pro	Glu	Lys	Pro	Leu	Ser	Asp	Leu	Gly	Arg	Leu	Ser	Tyr
	690					695					700				
Met	Ala	Tyr	Trp	Lys	Ser	Val	Ile	Leu	Glu	Cys	Leu	Tyr	His	Gln	Asn
	705				710					715					720
Asp	Lys	Gln	Ile	Ser	Ile	Lys	Lys	Leu	Ser	Lys	Leu	Thr	Gly	Ile	Cys
				725					730					735	
Pro	Gln	Asp	Ile	Thr	Ser	Thr	Leu	His	His	Leu	Arg	Met	Leu	Asp	Phe
			740					745					750		
Arg	Ser	Asp	Gln	Phe	Val	Ile	Ile	Arg	Arg	Glu	Lys	Leu	Ile	Gln	Asp
		755					760					765			
His	Met	Ala	Lys	Leu	Gln	Leu	Asn	Leu	Arg	Pro	Val	Asp	Val	Asp	Pro
	770					775					780				
Glu	Cys	Leu	Arg	Trp	Thr	Pro									
	785				790										

<210> 7
 <211> 307
 <212> PRT
 <213> Secuencia Artificial

<220>
 <223> Proteína KAT7 modificada

<400> 7

Met	Gly	His	His	His	His	His	His	Gly	Thr	Glu	Asn	Leu	Tyr	Phe	Gln
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Gly	Ser	Arg	Leu	Gln	Gly	Gln	Ile	Thr	Glu	Gly	Ser	Asn	Met	Ile	Lys
			20					25					30		
Thr	Ile	Ala	Phe	Gly	Arg	Tyr	Glu	Leu	Asp	Thr	Trp	Tyr	His	Ser	Pro
		35					40					45			
Tyr	Pro	Glu	Glu	Tyr	Ala	Arg	Leu	Gly	Arg	Leu	Tyr	Met	Cys	Glu	Phe
	50					55					60				
Cys	Leu	Lys	Tyr	Met	Lys	Ser	Gln	Thr	Ile	Leu	Arg	Arg	His	Met	Ala
	65				70					75					80
Lys	Cys	Val	Trp	Lys	His	Pro	Pro	Gly	Asp	Glu	Ile	Tyr	Arg	Lys	Gly
				85					90					95	
Ser	Ile	Ser	Val	Phe	Glu	Val	Asp	Gly	Lys	Lys	Asn	Lys	Ile	Tyr	Cys
			100					105					110		
Gln	Asn	Leu	Cys	Leu	Leu	Ala	Lys	Leu	Phe	Leu	Asp	His	Lys	Thr	Leu
		115					120					125			
Tyr	Tyr	Asp	Val	Glu	Pro	Phe	Leu	Phe	Tyr	Val	Met	Thr	Glu	Ala	Asp
	130					135					140				
Asn	Thr	Gly	Cys	His	Leu	Ile	Gly	Tyr	Phe	Ser	Lys	Glu	Lys	Asn	Ser
	145				150					155					160
Phe	Leu	Asn	Tyr	Asn	Val	Ser	Cys	Ile	Leu	Thr	Met	Pro	Gln	Tyr	Met
				165					170					175	
Arg	Gln	Gly	Tyr	Gly	Lys	Met	Leu	Ile	Asp	Phe	Ser	Tyr	Leu	Leu	Ser
			180					185					190		
Lys	Val	Glu	Glu	Lys	Val	Gly	Ser	Pro	Glu	Arg	Pro	Leu	Ser	Asp	Leu
		195					200					205			
Gly	Leu	Ile	Ser	Tyr	Arg	Ser	Tyr	Trp	Lys	Glu	Val	Leu	Leu	Arg	Tyr
	210					215					220				
Leu	His	Asn	Phe	Gln	Gly	Lys	Glu	Ile	Ser	Ile	Lys	Glu	Ile	Ser	Gln
	225				230					235					240
Glu	Thr	Ala	Val	Asn	Pro	Val	Asp	Ile	Val	Ser	Thr	Leu	Gln	Ala	Leu
				245					250					255	
Gln	Met	Leu	Lys	Tyr	Trp	Lys	Gly	Lys	His	Leu	Val	Leu	Lys	Arg	Gln
			260					265					270		
Asp	Leu	Ile	Asp	Glu	Trp	Ile	Ala	Lys	Glu	Ala	Lys	Arg	Ser	Asn	Ser
		275					280					285			
Asn	Lys	Thr	Met	Asp	Pro	Ser	Cys	Leu	Lys	Trp	Thr	Pro	Pro	Lys	Gly
	290					295					300				
Thr	Ala	Ser													
	305														