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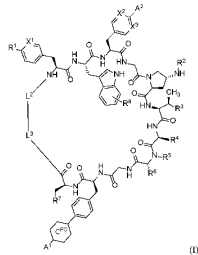
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MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,
NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,
RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,

(54) Title: A CYCLIC PEPTIDE IL-1BETA TRAP FOR THE TREATMENT OF ATHEROSCLEROSIS AND INFLAMMATORY DISORDERS

SEQ. ID NO.	Sequence	MWCS (kDa)	Molecular Weight	Found (M+2H) ²⁺
1	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-cSfRmcPh-Nie	0.39	1960.1215	982
2	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-Nie	0.22	2010.1803	1006.1
3	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-cSfRmcPh-PfGmPh	0.11	2056.2072	1029.5
4	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-1SARAcPc-PfGmPh	0.52	2068.2179	1035.6
5	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SMAW-PfGmPh	0.18	2068.2231	1030.5
6	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-PfGmPh	0.11	2106.2639	1054
7	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-pSfRmcPh	0.17	2070.2336	1036.6
8	PheACOP-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-cSfRmcPh-PfGmPh	0.36	2081.2587	1042
9	PheACOP-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SMAW-PfGmPh	0.33	2083.2576	1043.2
10	PheACOP-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-PfGmPh	0.23	2131.3184	1067.1
11	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-Nie	0.42	1984.143	993.5
12	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-cMMe	0.27	2024.2069	1013.6
13	PheACOP-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-Nie	0.27	2035.2326	1019.2
14	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-PfGmPh	0.46	2080.2286	1041.5
15	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-PfGmPh	0.13	1972.1323	972.9
16	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-Nie	0.16	1852.1429	917.5
17	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-pSfRmcPh	0.2	2056.2072	1029
18	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-PfGmPh-Nie	0.48	1885.1589	933.9
19	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-Nie	0.29	1852.0996	917
20	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-pSfRmcPh	0.41	2008.1644	1005.2
21	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-pSfRmcPh	0.11	2056.2072	1029.1
22	TyrENAc-W-PheACOOH-G-ProLHNQ-SMAWAF-D-dPip-G-BpACOOH-W-SAMPA-Cng	0.24	2036.2176	1019.2

FIG.1



(57) Abstract: Provided are compounds of the Formula (I), or their pharmaceutically acceptable salts, wherein L¹, L², X¹-X³, C^{PC}, A¹, A², and R¹-R⁸ are as herein described. (I) The compounds and their pharmaceutically acceptable salts can trap IL-1β and are expected to have utility as therapeutic agents, for example, for treating cardiovascular disease and inflammatory disorders. The disclosure also provides pharmaceutical compositions which comprise the compounds disclosed herein or pharmaceutically acceptable salts thereof. The disclosure also relates to methods for use of the compounds or their pharmaceutically acceptable salts in the therapy and prophylaxis of cardiovascular disease and inflammatory disorders and for preparing pharmaceuticals for this purpose.

[Continued on next page]

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ZA, ZM, ZW.

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Declarations under Rule 4.17:

- *as to the identity of the inventor (Rule 4.17(i))*
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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- *with international search report (Art. 21(3))*
- *with sequence listing part of description (Rule 5.2(a))*