

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
1	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-cSRamcPr-Nle	0.39	1960.1216	982
2	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-Nle	0.22	2010.1803	1006.1
3	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-cSRamcPr-PhGmPh	0.11	2056.2072	1029.5
4	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-1S4Racpc-PhGmPh	0.52	2068.2179	1035.6
5	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-b2Aib-PhGmPh	0.18	2058.2231	1030.5
6	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-PhGmPh	0.11	2106.2659	1054
7	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-pBA-Azep	0.17	2070.2338	1036.6
8	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-cSRamcPr-PhGmPh	0.36	2081.2597	1042
9	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-b2Aib-PhGmPh	0.33	2083.2756	1043.2
10	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-PhGmPh	0.23	2131.3184	1067.1
11	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dNMeA-G-Bip4C02H-W-3AMPA-Nle	0.42	1984.143	993.5
12	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-dMeNle	0.27	2024.2069	1013.6
13	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-Nle	0.27	2035.2328	1019.2
14	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dNMeA-G-Bip4C02H-W-3AMPA-PhGmPh	0.46	2080.2286	1041.5
15	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-3AMPA-Phg	0.13	1972.1323	1972.9
16	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-3AMPA-Nle	0.16	1952.1427	977.5
17	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-pBA-Tiq	0.2	2056.2072	1029
18	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Phe4NH2-3AMPA-Nle	0.48	1986.1589	993.9
19	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Q-3AMPA-Nle	0.29	1952.0996	977
20	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-pBA-Pip	0.41	2008.1644	1005.2
21	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-pBA-Tic	0.11	2056.2072	1029.1
22	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-Chg	0.24	2036.2176	1019.2

FIG.1

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SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
23	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-cSRamcPr-F	0.46	1994.1378	998
24	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-cSRamcPr-Chg	0.4	1986.1589	994.1
25	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-cSRamcPr-hf3Cl	0.38	2042.6095	1022
26	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-PhG4CH2OH	0.31	2060.1959	1031.1
27	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-hY	0.38	2048.1852	1025.2
28	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Nle	0.14	1963.1255	982.4
29	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-pBA-Tiq	0.5	1972.1323	987
30	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Phe3NH2-3AMPA-Phg	0.5	2006.1485	1004
31	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Q-3AMPA-Phg	0.2	1972.0892	987.1
32	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-H-3AMPA-Nle	0.16	1961.1097	961.1
33	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-mAF-3AMPA-Phg	0.15	2020.1751	2020.1
34	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-mAF-3AMPA-Nle	0.45	2000.1855	2000.4
35	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Phe4CH2NH2-3AMPA-Phg	0.44	2020.1751	1011.1
36	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-LysMe3-3AMPA-Nle	0.56	1995.2303	998.5
37	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-b2Aib-Nle	0.09	1903.1151	952.5
38	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-b2Aib-Nle	0.12	1929.1524	965.5
39	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-H-3AMPA-Phg	0.12	1981.0993	1980.9
40	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Phe4CONH2-3AMPA-Phg	0.34	2034.1586	1017.9
41	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-PhG2Me	0.13	2044.1965	1023
42	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-Phg3CH2OH	0.52	2051.2322	1026.4
43	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-3AMPA-Phg3CH2OH	0.08	2060.1959	1030.9
44	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-PEGAcOHNH2-Phg	0.15	1984.0999	992.9

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
45	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NMeProc4NH2-Phg	0.16	2009.1525	1005.3
46	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Nle	0.18	1977.1521	989.4
47	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NMeProc4NH2-Nle	0.26	1989.1628	995.4
48	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NMe2Gly-Nle	0.25	1992.1866	996.2
49	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Phg	0.36	1983.1152	992.3
50	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-bProc4NH2-Nle	0.24	2000.1888	1000.9
51	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dNMeA-G-Bip4C02H-W-bProc4NH2-hY	0.55	2013.1412	1007.1
52	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-H-cSRamcPr-Phg	0.28	1931.0406	966.3
53	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-H-cSRamcPr-Nle	0.2	1911.051	956.4
54	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Q-cSRamcPr-Nle	0.28	1902.0409	951.8
55	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Q-cSRamcPr-Nle	0.51	1902.0409	951.8
56	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-H-b2Aib-Nle	0.57	1938.1194	969.7
57	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-H-pBA-Tic	0.21	2007.1366	1004.2
58	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-cSRamcPr-Nle	0.12	1927.1365	964.2
59	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Nle	0.11	1988.1781	994.6
60	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.06	1977.1521	989.2
61	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Chg	0.11	1989.1628	995.2
62	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-mAF-cSRamcPr-Phg	0.36	1970.1164	985.6
63	TyrEtNAc-W-Phe4C00H-G-Prot4NHCO4Py-SbMeW4F-D-dPip-G-Bip4C02H-K-deNC2NH2Gly-Nle	0.12	2024.2086	1012.7
64	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-3APA-Nle	0.35	1963.1686	982.3
65	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-cSRamcPr-Phg	0.44	1922.0736	961.8
66	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Orn-cSRamcPr-Phg	0.22	1908.047	954.8

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H]/2+
67	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-H-dPip-G-Bip4C02H-W-b2Aib-Nle	0.5	2009.2419	1005.4
68	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-pBA-Tic	0.44	1998.1696	1000.1
69	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Tic	0.11	2023.179	1012.2
70	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NMeProc4NH2-Tic	0.32	2035.1897	1018.4
71	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-PEGAcOHNH2-Tic	0.09	2010.1372	1005.8
72	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-pBA-Tic60H	0.05	2072.2066	1036.7
73	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-pBA-Tic70H	0.03	2072.2066	1037.2
74	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Chg	0.07	2003.1894	1002.2
75	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-aMeNle	0.08	1991.1787	995.8
76	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-b2Aib-aMeNle	0.29	1943.179	972.4
77	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-His3Me-dPip-G-Bip4C02H-W-deNC2NH2Gly-Nle	0.37	1999.204	1000.3
78	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-T-dPip-G-Bip4C02H-W-deNC2NH2Gly-Phg	0.27	1969.1317	985.4
79	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-GlyTHP4-dPip-G-Bip4C02H-K-deNC2NH2Gly-Tic	0.36	1977.1952	989.3
80	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Phg	0.36	1997.1418	999.4
81	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Tiq	0.08	2009.1525	1005.4
82	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Tic	0.08	2009.1525	1005.3
83	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-H-pBA-Tiq	0.15	2007.1366	1004.3
84	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Orn-cSRamcPr-Nle	0.11	1888.0574	944.7
85	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Orn-pBA-Tic	0.4	1984.143	992.7
86	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Nle	0.17	2004.6327	1002.7
87	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Nle	0.08	1979.5801	990.2
88	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-hS-dPip-G-Bip4C02H-K-cSRamcPr-Phg	0.36	1908.0901	955

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
89	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-H-pBA-Tic	0.1	2023.5912	1012.8
90	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-sbMe1Nal-D-dPip-G-Bip4C02H-H-pBA-Tic	0.04	2000.1688	1000.6
91	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-sbMe1Nal-D-dPip-G-Bip4C02H-W-NC2NH2Gly-Nle	0.04	1956.1577	978.8
92	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-sbMe1Nal-D-dPip-G-Bip4C02H-W-NMeProc4NH2-Phg	0.06	2002.1846	1001.7
93	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-W-NMeProc4NH2-Phg	0.1	2025.6071	1013.2
94	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-pBA-Tic	0.02	2057.1953	1029.2
95	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Dab-pBA-Tic	0.36	1970.1164	985.8
96	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-b2hPipH-Nle	0.3	2028.2419	1015
97	AEF3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Nle	0.43	2211.4647	1105.9
98	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.06	2002.2046	1002.4
99	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-sbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.02	1995.2368	998.6
100	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.03	2018.6592	1010.1
101	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.06	2003.1927	1002.7
102	AEF3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.08	2225.4913	2224.9
103	AEF3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-pBA-Tic7OH	0.09	2320.5457	2319.3
104	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-sbMe1Nal-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Chg	0.05	1996.2216	999.1
105	TyrEtNAc-W-Phe4C00H-G-Prot4NHCOBn-SbMeW4F-D-dPip-G-Bip4C02H-K-deNC2NH2Gly-Nle	0.1	2023.2206	1012.6
106	TyrEtNAc-W-Phe4C00H-G-Prot4NHBN-SbMeW4F-D-dPip-G-Bip4C02H-K-deNC2NH2Gly-Nle	0.11	1995.2105	998.8
107	TyrEtNAc-W-Phe4C00H-G-Prot4NHAc-SbMeW4F-D-dPip-G-Bip4C02H-K-deNC2NH2Gly-Nle	0.16	1947.1246	974.5
108	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-b2GlyTHP4-Nle	0.35	2029.22677	1015.8
109	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Orn-PEGAc0NH2-Tic	0.16	1938.073	969.9
110	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Orn-deNC2NH2Gly-Tic	0.1	1937.0883	1937.7

FIG.1 Continued

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SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
111	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K[3CH3NPEG4-deNC2NH2Gly-Nle	0.51	2195.4637	2194.3
112	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-b2hPip1Me2-Nle	0.34	2057.303	1029.3
113	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-PEGAcOHNH2-Tic70H	0.07	2026.1366	1013.9
114	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Chg	0.04	2028.2419	1014.9
115	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Orn-3AMPA-Tic70H	0.14	2000.1424	1001.3
116	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-K-3AMPA-Tic70H	0.14	2014.169	1007.8
117	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7F-pBA-Tic70H	0.03	2090.1971	1045.9
118	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-deOrn-Tic70H	0.26	2040.1665	1020.9
119	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Nle	0.09	2082.2462	1042.5
120	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-b2hPip1Me-Nle	0.18	2042.2685	1022.5
121	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-deOrn-Tic60H	0.24	2040.1665	1021
122	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-deOrn-Tic60H	0.14	2040.1665	1021.1
123	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Tic70Bn	0.03	2115.2744	1059.4
124	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Tic60Bn	0.03	2115.2744	1059.2
125	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-pBA-Tic70H	0.04	2073.1947	1037.7
126	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-pBA-Tic60H	0.15	2073.1947	1037.7
127	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-mAF-pBA-Tic70H	0.13	2062.2118	1032.1
128	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Chg	0.06	2005.6174	1003.8
129	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-Tic60Bn	0.24	2115.2744	1059.3
130	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-pBA-Tic60H	0.26	2073.1947	1037.7
131	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Tic70H	0.1	2039.1784	1018.5
132	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-W-NC2NHMeGly-Tic60H	0.12	2039.1784	1020.7

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
133	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-NC2NHMeGly-ChG	0.08	2004.1775	1003.3
134	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-Trp7az-NC2NHMeGly-ChG	0.12	2020.6321	1011.5
135	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-AlaTHP4-pBA-Tic70H	0.1	2041.191	1021.7
136	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-W-NC2NHMeGly-ChG	0.06	2019.644	1010.6
137	AEF3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.03	2218.5234	1110.1
138	AEF3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-Tic70H	0.03	2267.5112	1134.5
139	TyrEtNac-W-Phe4C00H-G-Prot4NHCOmeInd2yl-SbMe1Nal-D-dPip-G-Bip4C02H-W-NC2NH2Gly-aMeNle	0.02	2127.353	1064.9
140	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-H-pBA-Tic70H	0.12	2016.1682	1020.9
141	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.02	1971.1724	986.5
142	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-H-deNC2NH2Gly-Tic	0.06	1953.114	977.7
143	TyrEtNac-W-Phe4C00H-G-Prot4NHCO3Py-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2089.305	1045.9
144	TyrEtNac-W-Phe4C00H-G-Prot4NHCO2Py-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2089.305	1045.8
145	TyrEtNac-W-Phe4C00H-G-Prot4NHCO4PyaRMe-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2103.3316	1052.8
146	TyrEtNac-W-Phe4C00H-G-Prot4NHCO4PyaSMe-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.02	2103.3316	1052.4
147	TyrEtNac-W-Phe4C00H-G-Prot4NHCOisoNic-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2075.2784	1038.8
148	TyrEtNac-W-Phe4C00H-G-Prot4NHCOEt4Py-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2103.3316	1053
149	TyrEtNac-W-Phe4C00H-G-Prot4NHCOBn4F-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2106.3074	1053.9
150	TyrEtNac-W-Phe4C00H-G-Prot4NHCOMeChx-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.02	2094.3646	1048.4
151	TyrEtNac-W-Phe4C00H-G-Prot4NHCOMe4Bip-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.04	2164.4129	1083.3
152	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-mAF-NC2NH2Gly-aMeNle	0.03	1967.1573	984.5
153	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4C02H-Trp7az-NC2NH2Gly-aMeNle	0.01	1978.1402	990.1
154	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	1970.1843	986.5

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
155	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NHMeGly-aMeNle	0.02	1984.2109	993.6
156	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-NC2NHMeGly-ChG	0.02	1997.2096	1000
157	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.01	1996.2249	999.7
158	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.01	1969.1947	986.1
159	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-ChA	0.02	2021.2691	1012.1
160	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-His1Me	0.04	2019.2137	1011.3
161	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-His1Me	0.05	1994.1613	998.1
162	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMeW4F-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-aMeNle	0.01	1905.0832	953.7
163	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.01	1996.22	999.7
164	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.01	2019.6425	1011.7
165	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.01	2029.677	1016.2
166	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-Acc6	0.02	1993.2161	998.1
167	Phe4AcPip-Trp6Me-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.02	1993.602	998.1
168	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-pBA-Tic70H	0.01	2091.2746	1047.1
169	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-PEGAcOHNH2-Tic70H	0.01	2020.1523	1011.4
170	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Tic70Bn	0.01	2109.2898	1057
171	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Tic70Bn	0.01	2134.3422	1069.1
172	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-deNC2NH2Gly-Tic70Bn	0.02	2059.2312	1031.1
173	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7F-deNC2NH2Gly-Tic70Bn	0.02	2152.3327	1077.3
174	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-T-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.01	1981.2483	992.2
175	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-T-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.02	1956.1959	979.6
176	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-CpeG	0.01	1993.2161	998.3

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
177	Phe4AcPip-AlaPent-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.06	1946.201	974.7
178	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-deNC2NH2Gly-aMeNle	0.01	1946.1614	974.7
179	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-NC2NHMeGly-ChG	0.02	2021.2691	1012.6
180	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-AlaTHP4-NC2NHMeGly-ChG	0.02	1990.2534	997.1
181	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-NC2NHMeGly-Tic7OH	0.03	2033.194	1018.3
182	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-bA-aMeNle	0.11	1966.1908	984.8
183	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-bA-Tic7OH	0.54	1940.0678	971.7
184	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-NC2NHMeGly-aMeNle	0.02	2009.2584	1006.3
185	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-NMeProc4NH2-aMeNle	0.02	2021.2691	1012.3
186	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-cPeG	0.07	1992.5822	997.7
187	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Acc6	0.07	1992.5822	997.7
188	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.01	1971.1757	987.3
189	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.02	1994.5981	998.3
190	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Acc6	0.04	1943.1192	973.3
191	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-cPeG	0.04	1966.5416	984.7
192	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-eK-Tic7OH	0.05	2047.2253	1025.3
193	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-b2Dap-Tic7OH	0.44	2005.1455	1004.2
194	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-aMeNle	0.01	1923.1726	963.5
195	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Tic7Ph	0.02	2079.2687	1041
196	TyrEtNac-W-Phe4COOH-G-Prot4NH2Ph-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.03	2074.3334	1038.5
197	Phe4Piperaz[PEG2acidNMe3-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-W-deNC2NH2Gly-aMeNle	0.03	2155.4708	1078.7
198	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Tic7OBn4F	0.03	2127.2851	1064.5

FIG.1 Continued

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SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
199	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-Tic70MeOxazole	0.02	2100.2448	1051.1
200	Phe4AcPip-Trp6F-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2013.2273	1007.9
201	Phe4Piperaz]PEG4Ac0Me-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2171.4471	1087.2
202	Phe4Piperaz]3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeNle	0.01	2243.576	1122.7
203	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.01	1964.2212	983.7
204	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-cPeG	0.02	1969.1598	986.4
205	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-Acc6	0.04	1969.1598	986.3
206	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-cPeG	0.02	1943.1192	972.8
207	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-cPeG	0.03	1995.1971	999.5
208	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-cPeG	0.01	1968.1717	986.4
209	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.01	1997.2129	999.9
210	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-W-deNC2NH2Gly-aMeCha	0.01	2035.3007	1019.5
211	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-Acc6	0.02	1968.1717	986.1
212	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.01	1970.1876	986.3
213	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-cPeG	0.02	1969.1565	986.6
214	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-Acc6	0.02	1969.1565	986.5
215	TyrEtNAc-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-cPeG	0.02	1977.5643	990.4
216	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-Acc6	0.04	1995.1971	999.2
217	3AzaPhe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-cPeG	0.02	2003.6048	1003.7
218	3AzaPhe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-Acc6	0.03	2003.6048	1003.7
219	TyrEtNAc-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.01	1945.1351	974.1
220	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-Tic70H	0.02	2019.1754	1011

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
221	TyrEtNAc–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–AlaPip4–deNC2NH2Gly–aMeNle	0.02	1996.0466	999.1
222	Bip4COAEmph–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–AlaPip4–deNC2NH2Gly–aMeNle	0.022	2127.2207	1064.6
223	Bip4COMph–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–AlaPip4–deNC2NH2Gly–aMeNle	0.015	2084.1531	1043.1
224	Bip4CO2H–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–AlaPip4–deNC2NH2Gly–aMeNle	0.03	2015.0483	1009
225	Phe4Piperaz[4Py–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–AlaPip4 MorphNAcOH–deNC2NH2Gly–aMeNle	0.031	2211.2972	1107
226	Phe4Piperaz[Bz–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–AlaPip4 MorphNAcOH–deNC2NH2Gly–aMeNle	0.014	2210.3091	1106.4
227	Phe4Piperaz[4Pyr–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–Ala3Oxad1245Me–deNC2NH2Gly–aMeNle	0.031	2083.0858	1043.2
228	Phe4AcPip–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–Ala3Oxad1245Me–deNC2NH2Gly–aMeNle	0.036	2020.0284	1011.5
229	3AzaPhe4AcPip–Trp6F–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dNMMeA–Dab–Bip4CO2H–Trp7az–deNC2NH2Gly–aMeNle	0.025	2013.572	1007.7
230	TyrEtNAc–Trp6Cl–AlaPyrim4COOH–G–Prot4NH2–SbMe1Nal–D–dPip–G–Bip4CO2H–H–deNC2NH2Gly–Tic70Bn	0.412	2095.6525	1049
231	TyrEtNAc–Trp6Cl–AlaPyrim4CONH2–G–Prot4NH2–SbMe1Nal–D–dPip–G–Bip4CO2H–H–deNC2NH2Gly–Tic70Bn	1.514	2094.6677	1049
232	TyrEtNAc–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMe1Nal3Me–D–dPip–G–Bip4CO2H–H–deNC2NH2Gly–Tic70Bn	0.028	2107.7028	1056.4
233	TyrEtNAc–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMe1Nal3F–D–dPip–G–Bip4CO2H–H–deNC2NH2Gly–Tic70Bn	0.027	2111.6668	1057.9
234	TyrEtNAc–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMe1Nal–D–dPip–G–Bip4CO2H–H–deNC2NH2Gly–Tic70Bn	0.049	2093.6763	1047.9
235	3Pal4Pipz MorphNAcOH–Trp6Cl–Phe4COOH–G–Prot4NH2–SbMeW4Cl–D–dPip–G–Bip4CO2H–Trp7az–deNC2NH2Gly–aMeNle	0.033	2140.1799	1070.9

FIG. 1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
236	Phe4Piperaz MorphNacOH-Trp6F-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.021	2122.7372	1062.3
237	3Pal4Pipz 4Pyr-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaMph-deNC2NH2Gly-aMeNle	0.052	2087.1174	1044.6
238	3Pal4Pipz 4Pyr-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.027	2085.1445	1044.2
239	Phe4Piperaz MorphNacOH-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-deNC2NH2Gly-Tic70Bn	0.096	2203.8329	1103.3
240	Phe4piperaz 20H2MePA-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-deNC2NH2Gly-Tic70Bn	0.032	2162.7811	1082.4
241	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-AlaMph-deNC2NH2Gly-Tic7Ph	0.034	2082.6933	1043.1
242	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-AlaPiperaz-deNC2NH2Gly-Tic7Ph	0.05	2081.7085	1042
243	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-AlaAze3-deNC2NH2Gly-Tic7Ph	0.075	2052.6674	1028
244	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic70Me2Oxa	0.033	2086.6853	1044.4
245	3Pal4Pipz MorphNacOH-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.02	2114.1427	1058.3
246	Phe4Piperaz 4Pyr-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.01	2084.1564	1043.2
247	Phe4Piperaz 3Pyr-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.013	2084.1564	1044.4
248	Phe4Piperaz 2Pyr-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.017	2084.1564	1043.1

FIG. 1 Continued

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SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
249	Phe4Piperaz[Bz-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPiperaz-deNC2NH2Gly-aMeNle	0.024	2084.1564	1043.9
250	Phe4Piperaz[Bz-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaMph-deNC2NH2Gly-aMeNle	0.02	2085.1412	1043.8
251	Phe4Piperaz[Bz-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaAze3-deNC2NH2Gly-aMeNle	0.024	2055.1153	1029.7
252	Phe4Piperaz[Bz-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.021	2083.1683	1042.7
253	Phe4Piperaz[MorphNacOH-Trp6F-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7Az-deNC2NH2Ala-aMeNle	0.034	2110.7265	1056.7
254	TyrEtNac-Trp6Cl-Phe4CONH2-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-deNC2NH2Gly-Tic7OMeOxa	0.177	2083.6418	1042.5
255	3AzaPhe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Ala-aMeNle	0.049	2026.6104	1013.6
256	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7Ph	0.027	2040.6567	1021.7
257	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPiperaz-deNC2NH2Gly-Tic7Ph	0.107	2105.131	1053.9
258	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Orn-PEGAcOHNH2-Tic7OH	0.028	1981.5451	991.6
259	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-aMeNle	0.012	1957.6128	979.8
260	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaMph-deNC2NH2Gly-Tic7Ph	0.059	2106.1158	1054
261	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4Me-deNC2NH2Gly-aMeNle	0.013	2035.1255	1018.7
262	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.015	2021.099	1011.7
263	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-H-deNC2NH2Gly-aMeNle	0.025	1978.9766	990.4
264	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-deNC2NH2Gly-aMeNle	0.019	1955.5541	979.1

FIG. 1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
265	3Pai4Pipz MorphNacOH-Trp6F-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dNMMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.012	2097.6881	1049.8
266	TyrEtNac-Trp6Cl-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.029	1997.0314	999.4
267	3AzaPhe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.035	2023.0719	1012.5
268	Phe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Orn-PEGAcOHNH2-Tic7OH	0.017	2006.5975	1003.9
269	TyrEtNac-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Orn-PEGAcOHNH2-Tic7OMe2Oxa	0.025	2062.6177	1032.3
270	TyrEtNac-Trp6F-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Orn-PEGAcOHNH2-Tic7OMe2Oxa	0.035	2046.1631	1024
271	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Orn-PEGAcOHNH2-Tic7OMe2Oxa	0.027	2028.1726	1015
272	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Orn-deNC2NH2Gly-Tic7OMeoxazole	0.02	2027.1878	1014.8
273	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2PEG1NMe3-sbMeW4Cl-D-dNMMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.04	2138.7844	1069.9
274	3AzaPhe4AcPip-Trp6F-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.053	2006.6173	1004.4
275	TyrEtNac-Trp6F-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.037	1980.5768	991.2
276	Phe4AcPip-Trp6F-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.027	2005.6292	1003.7
277	3AzaPhe4AcBCPip-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dNMMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.028	2006.6041	1004.5
278	3AzaPhe4AcPip-Trp6F-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-H-deNC2NH2Gly-aMeNle	0.045	1988.5625	995.1
279	Phe4AcPip-Trp6F-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-H-deNC2NH2Gly-aMeNle	0.028	1987.5744	995
280	3AzaPhe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dNMMeA-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.02	2029.0385	1015.6
281	TyrEtNac-Trp6Cl-Phe4C00H-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4C02H-Orn-deNC2NH2Gly-Tic7Pyrim	0.031	2066.0554	1034.2

FIG. 1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
282	3AzaPhe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7PyrIm	0.036	2049.6041	1025.5
283	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7PyrIm	0.014	2042.6329	1022.5
284	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-H-NC2NHMeGly-aMeNle	0.017	1969.5806	985.6
285	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7OBn	0.054	2119.1575	1017.2
286	3AzaPhe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.018	2038.6211	1020.3
287	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7Az-deNC2NH2Gly-aMeNle	0.014	2028.0504	1015.2
288	Phe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7Az-deNC2NH2Gly-aMeNle	0.012	2011.5958	1006.7
289	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7Az-deNC2NH2Gly-aMeNle	0.016	2002.998	1002.4
290	TyrEtNac-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7Az-deNC2NH2Gly-aMeNle	0.017	1986.5434	994
291	Phe4Piperaz MorphNacOH-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	1.107	2089.7321	1045.9
292	Phe4Piperaz MorphNacOH-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.017	2096.7	1049.9
293	Phe4Piperaz MorphNacOH-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.547	2055.287	1029.4
294	Phe4Piperaz 4Pyr-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-aMeNle	0.013	1994.633	998.7
295	TyrEtNac-Trp6Cl-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7OMeoxazole	0.09	2059.0182	1030.5
296	Phe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-AlaTHP4-deNC2NH2Gly-aMeNle	0.036	1979.592	990.9
297	3AzaPhe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-AlaTHP4-deNC2NH2Gly-aMeNle	0.064	1980.5801	991.4

FIG. 1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
298	TyrEtNac-Trp6F-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7OBn	0.067	2028.1908	1015.3
299	Phe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-H-deNC2NH2Gly-aMeNle	0.043	1961.5372	982
300	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7OBn	0.034	2035.2527	1018.8
301	Phe4Piperaz MorphNacOH-Trp6Cl-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.023	2139.1918	1070.7
302	Phe4Piperaz MorphNacOH-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.014	2089.7321	1046.5
303	TyrEtNac-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-TicOMeoxazole	0.127	2042.5636	1022.5
304	3AzaPhe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-H-deNC2NH2Gly-aMeNle	0.077	1962.5253	982.4
305	Phe4Piperaz MorphNacOH-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.014	2055.287	1028.9
306	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7OBn	0.032	2069.6978	1036
307	Phe4Piperaz MorphNacOH-Trp6F-Phe4COOH-G-Prot4NH2-sbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.017	2096.7	1049.4
308	Phe4Piperaz 4Pyr-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Orn-deNC2NH2Gly-aMeNle	0.013	1994.633	998.9
309	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Orn-deNC2NH2Gly-Tic7Pyrim	0.028	2067.6853	1034.4
310	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-NMeProc4NH2-aMeNle	0.026	1997.2081	1000
311	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Phe4ptCCA-Trp7az-deNC2NH2Gly-aMeNle	0.064	1977.2183	989.9
312	3AzaPhe4AcPip-Trp6F-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.014	1989.1614	996.1

FIG. 1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
313	Phe4AcPip- Trp6Cl- Phe4COOH- G- Prot4NH2- Sbm1Nal- D- dPip- G- Bip4CO2H- H- NMeProc4NH2- aMeNle	0.031	2006.6437	1005
314	TyrEtNac- Trp6Cl- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- AlaTHP4- NMeProc4NH2- aMeNle	0.085	2023.0686	1013.1
315	Phe4AcPip- Trp6Cl- Phe4COOH- G- Prot4NH2- Sbm1Nal- D- dPip- G- Bip4CO2H- H- NC2NHMeGly- aMeNle	0.023	1994.633	998.6
316	3AzaPhe4AcPip- W- Phe4COOH- G- Prot4NH2- Sbm1Nal- D- dNMeA- G- Bip4CO2H- Trp7az- NC2NHMeGly- aMeNle	0.023	1985.1974	994.1 ^{ar}
317	3AzaPhe4AcPip- W- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dNMeA- G- Phe4ptCCA- Trp7az- deNC2NH2Gly- aMeNle	0.146	2000.6408	1001.7
318	3AzaPhe4AcPip- Trp6F- Phe4COOH- G- Prot4NH2- Sbm1Nal- D- dNMeA- G- Bip4CO2H- Trp7az- NC2NHMeGly- aMeNle	0.021	2003.1879	1003.1
319	TyrEtNac- Trp6Cl- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- AlaTHP4- NC2NHMeGly- aMeNle	0.101	2011.0579	1006.3
320	Bip- W- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- Orn- deNC2NH2Gly- aMeNle	0.016	1896.53	949.9
321	3AzaPhe4AcPip- W- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- Orn- deNC2NH2Gly- Tic7OBn	0.122	2085.7005	1044.2
322	TyrEtNac- Trp6Cl- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- H- NMeProc4NH2- aMeNle	0.061	2005.0138	1003.8
323	3AzaPhe4AcPip- W- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dNMeA- G- Bip4CO2H- Trp7az- NMeProc4NH2- aMeNle	0.025	2020.6306	1011.2
324	3AzaPhe4AcPip- Trp6F- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dNMeA- G- Bip4CO2H- Trp7az- deNC2NH2Gly- aMeNle	0.014	2012.5839	1007.6
325	TyrEtNac- Trp6Cl- Phe4COOH- G- Prot4NH2- Sbm1Nal- D- dPip- G- Bip4CO2H- Orn- deNC2NH2Gly- Tic70Meoxazole	0.02	2061.6329	1031.7
326	3AzaPhe4AcPip- W- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dNMeA- G- Bip4CO2H- Trp7az- NC2NHMeGly- aMeNle	0.036	2008.6199	1005.3
327	3AzaPhe4AcPip- Trp6Cl- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- Trp7az- deNC2NH2Gly- aMeNle	0.031	2055.0757	1028.5
328	Phe4AcPip- Trp6Cl- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- AlaTHP4- NMeProc4NH2- aMeNle	0.034	2048.121	1025.6
329	Phe4AcPip- Trp6Cl- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- H- deNC2NH2Gly- aMeNle	0.026	2004.029	1003.6
330	Phe4AcPip- Trp6Cl- Phe4COOH- G- Prot4NH2- SbmW4Cl- D- dPip- G- Bip4CO2H- H- NMeProc4NH2- aMeNle	0.034	2030.0662	1016.9

FIG. 1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
331	Phe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-H-NC2NHMeGly-aMeNle	0.062	2018.0555	1011.1
332	Phe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.018	2022.0838	1012.3
333	TyrEtNac-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-H-NC2NHMeGly-aMeNle	0.1	1993.0031	997.1
334	Phe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-NC2NHMeGly-aMeNle	0.042	2036.1103	1019.7
335	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.021	1965.2043	983.7
336	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-T-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.083	1973.6551	988.2
337	Phe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.023	1998.6613	1000.8
338	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-T-dNMeA-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.124	1925.1835	964
339	Phe4AcPip-W-Phe4C00H-G-Prot4NH2]PEG1NMe3-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.017	2140.411	1071.1
340	Phe4Piperaz[3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.033	2244.5581	749.5 [M+3H] ³⁺
341	Phe4AcPip-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-H-deNC2NH2Gly-aMeNle	0.021	1980.6065	992.2
342	Phe4AcPip-Trp7F-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-aMeNle	0.022	2014.2105	1008.7
343	3AzaPhe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.043	1988.6268	995.7
344	Phe4AcPip-W-Phe4C00H-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4C02H-H-deNC2NH2Gly-aMeNle	0.049	1969.5839	986.2
345	AEF[3CH3NPEG4-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-Trp7az-PEGAcOHNH2-Tic7OH	0.086	2268.4904	1135.6
346	TyrEtNac-W-Phe4C00H-G-Prot4NH2-SbMe1Nal-K[3CH3NPEG4-dPip-G-Bip4C02H-Trp7az-deNC2NH2Gly-Tic7OCMeoxazole	0.269	2403.6994	1202.9
347	TyrEtNac-Trp6F-Phe4C00H-G-Prot4NH2-SbMe1Nal-T-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.042	1943.1707	972.8
348	TyrEtNac-Trp6Cl-Phe4C00H-G-Prot4NH2-SbMeW4Cl-T-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-cPeG	0.282	1981.032	992.2
349	Phe4AcPip-Trp6F-Phe4C00H-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4C02H-AlaTHP4-deNC2NH2Gly-aMeNle	0.025	1982.2067	992.9

FIG. 1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
350	Phe4AcPip-W-Phe4COOH-G-Prot4NH2[3A4PyA-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.231	2130.3551	1066.7
351	Phe4Piperaz[THF30H-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-NC2NH2Gly-aMeNle	0.013	2052.2831	1027.5
352	AEF[3CH3NPEG4-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Tic7Omeoxazole	0.038	2348.5782	1175.7
353	Phe4Piperaz[PEG4AcOMe-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.011	2172.4296	1087.6
354	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Tic7OCH2THP	0.026	2117.3101	1060.1
355	Phe4Piperaz[4Pyr-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-NC2NH2Gly-aMeNle	0.011	2059.2774	1031
356	Phe4Piperaz[3Oxad2AcOH5Me-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-NC2NH2Gly-aMeNle	0.011	2078.2807	1040.6
357	Phe4Piperaz[MorphNacOH-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.012	2081.3242	1042.1
358	3AzaPhe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.012	2031.6532	1017.2
359	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.013	2030.6651	1016.8
360	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMe1Nal-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly[C6acidMe3-aMeNle	0.019	2152.4646	1077.3
361	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-W-NC2NHMeGly-aMeNle	0.053	2032.6809	1018.3
362	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Acc6	0.05	1966.5371	984.7
363	TyrEtNac-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-cPeG	0.053	1992.5743	997.8
364	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.016	1993.6053	998.4

FIG.1 Continued

SEQ ID NO.	Sequence	MRC5 (nM)	Molecular Weight	Found [M+2H] ²⁺
365	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.022	2020.6306	1012.4
366	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-PEGAcOHNH2-Tic7OH	0.054	2043.5781	1024
367	TyrEtNAc-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.016	1968.5529	985.4
368	3AzaPhe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Acc6	0.082	2027.0227	1014.7
369	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Acc6	0.034	1991.5895	996.7
370	3AzaPhe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-cPeG	0.067	2027.0227	1015.2
371	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-Acc6	0.102	2018.6148	1010.9
372	Phe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-cPeG	0.019	1991.5895	997.9
373	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-cPeG	0.091	2018.6148	1011.3
374	Phe4AcPip-Trp6Cl-Phe4CONH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.259	2020.1142	1011.1
375	3AzaPhe4AcPip-W-Phe4COOH-G-Prot4NH2-SbMeW4Cl-N-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.013	1993.6086	997.6
376	3AzaPhe4AcPip-W-Phe4CONH2-SbMeW4Cl-D-dNMeA-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.175	1993.6086	997.9
377	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-N-dPip-G-Bip4CO2H-AlaPip4-deNC2NH2Gly-aMeNle	0.024	2020.1142	1011.0
378	Phe4AcPip-Trp6Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-N-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.022	2053.1028	1027.0
379	Phe4Piperaz4 MorphAcOH-Trp5Cl-Phe4COOH-G-Prot4NH2-SbMeW4Cl-D-dPip-G-Bip4CO2H-Trp7az-deNC2NH2Gly-aMeNle	0.019	2139.2492	1070.8

FIG. 1 Continued