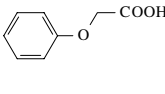
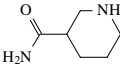
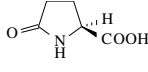
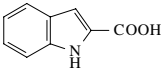
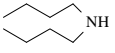
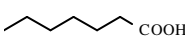
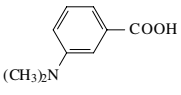
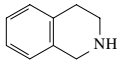
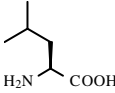
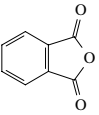
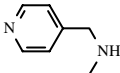
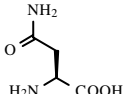
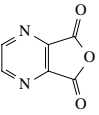
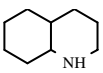
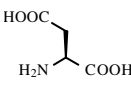
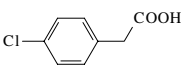
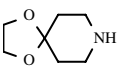
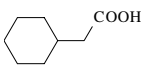
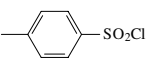
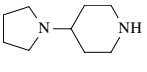
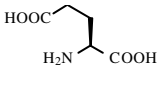
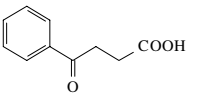
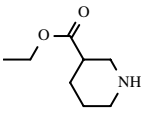
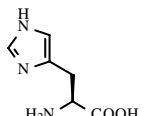
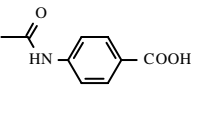
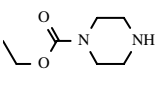
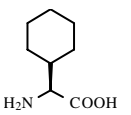
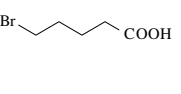
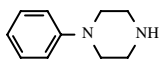
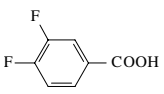
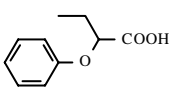
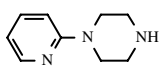
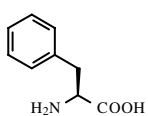
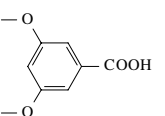
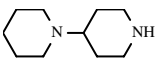
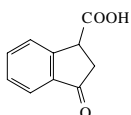
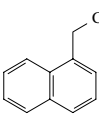
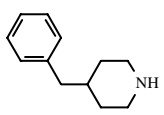
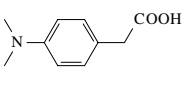
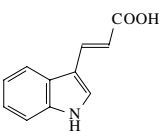
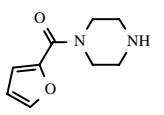
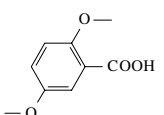
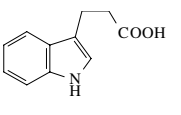
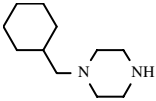
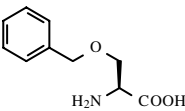
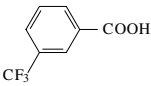
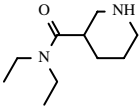
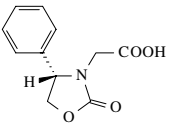
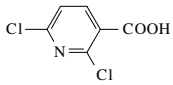
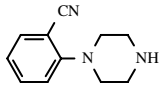
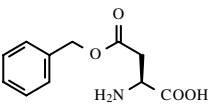
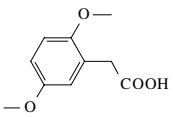
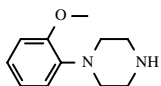
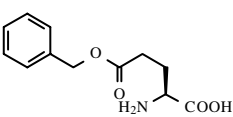
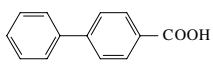
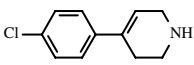
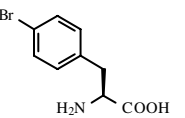
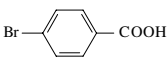
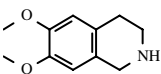
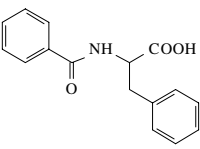
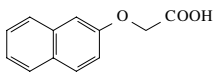
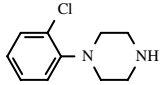
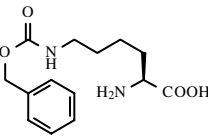
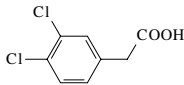
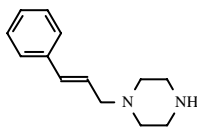
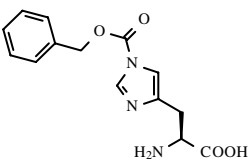
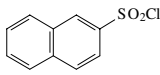
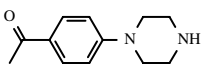
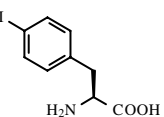
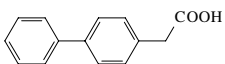
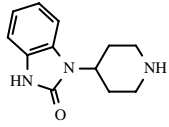
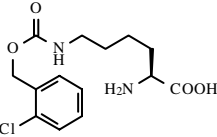
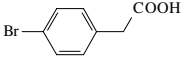
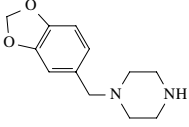
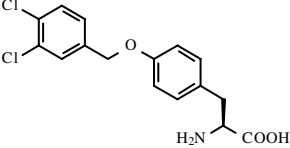
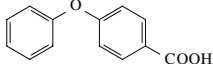
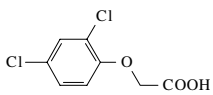
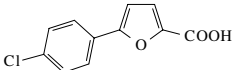
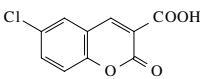
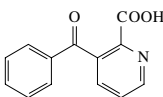
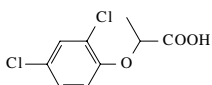
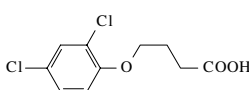


Table 1. Structures of the building blocks (BB1, BB2, and BB3 for first, second, and third synthetic steps, respectively) for library synthesis and the calculated molecular masses (MW) of the corresponding coding tags

Entry	BB1	MW	BB2 ^b	MW	BB3	MW
1		809.385	CH ₃ COOH	801.380		847.364
2		821.385		815.396	(ClCH ₂ CO) ₂ O	857.325
3		823.401	H ₂ N-CH ₂ -COOH	816.391		880.386
4		835.401		827.396		881.370
5		837.416		829.411		885.380
6		849.416	H ₂ N-CH(CH ₃)-COOH	830.406		886.375
7		850.412		841.411		887.370
8		851.396		843.427		891.427
9		853.357	H ₂ N-C(CH ₃) ₂ -COOH	844.422		895.385
10		863.432		846.401		901.375
11		864.427		854.406		905.352
12		865.448		855.427		909.380
13		867.373		856.422		910.342
14		877.448		857.443		912.391
15		878.443	H ₂ N-CH(CH ₃)-COOH	858.438		913.411
16		879.427		860.417		914.406

17		889.448		869.352		915.390
18		892.422		870.401		924.391
19		893.479		871.458		928.422
20		897.416		872.453		929.370
21		900.427		873.412		931.360
22		903.463		874.396		933.357
23		907.422		883.458		935.363
24		918.474		888.412		941.406
25		921.437		896.428		942.401
26		922.433		898.469		943.322
27		926.443		899.377		943.422
28		927.438		906.438		945.401
29		932.490		917.406		949.411
30		939.463		920.453		950.406
31		944.417		923.417		952.422

32		946.505		936.448		953.367
33		948.485		962.428		954.297
34		951.438		964.443		959.417
35		956.453		978.459		961.411
36		957.393		984.348		963.290
37		957.437		1010.464		965.406
38		960.404		1021.501		967.318
39		966.474		1030.465		971.363
40		968.453		1032.334		975.427
41		981.449		1055.462		977.306
42		984.448		1080.402		977.406
43						983.313

44		985.352
45		987.331
46		990.401
47		997.328
48		1011.344

^a One of the amino groups was protected with Boc during the synthesis.

^b All amino acids were *N*^α-Boc-protected, and their side-chains were protected with standard acid-labile protecting groups during the synthesis.