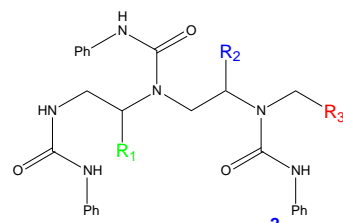


PEPTIDOMIMETICS

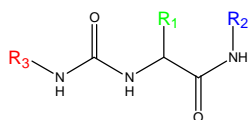
**Mixture
Sciences Inc.**

Mixture Sciences Inc. has developed a technology for rapidly generating and screening millions of different peptidomimetics. Since peptides often have limitations as pharmaceuticals due to their poor bioavailability and rapid enzymatic degradation, we continue to generate peptidomimetic libraries by chemically transforming existing peptide libraries. This brochure illustrates several of Mixture Sciences' peptidomimetic templates as well as the number of compounds contained in each these libraries.¹



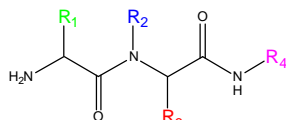
Triphenylureas²

85,248 total compounds



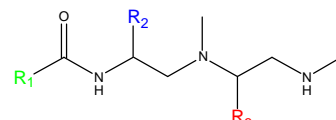
N,N'-Dialkyl Ureas¹

125,934 total compounds



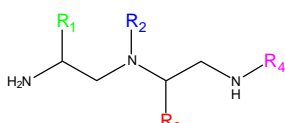
N-Alkyl Dipeptidomimetics

57,500 total compounds



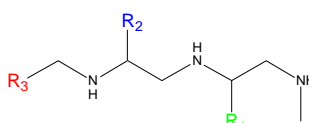
N-Acyl Triamines³

125,000 total compounds



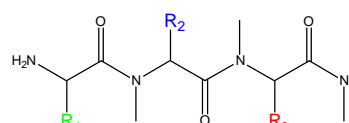
Reduced Dipeptidomimetics⁴

42,320 total compounds



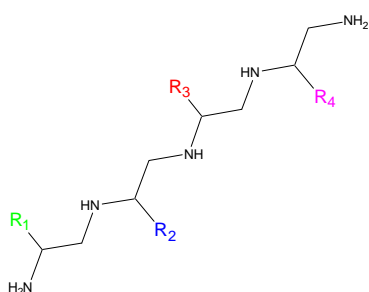
N-Methyltriamines

31,320 total compounds



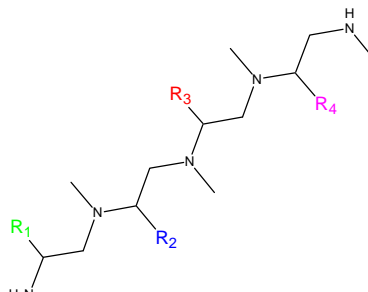
**N-Per-Methylated
Tripeptidomimetics**

7,311,616 total compounds



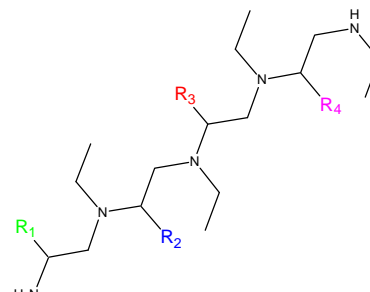
Pentamines⁵

7,311,616 total compounds



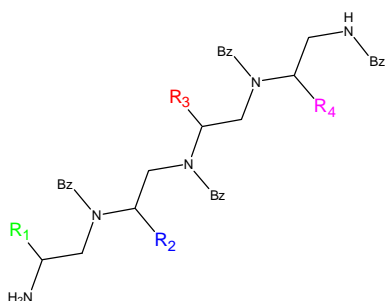
N-Per-Methylated Pentamines

7,311,616 total compounds



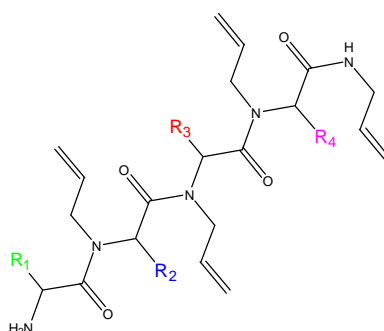
N-Per-Ethylated Pentamines

7,311,616 total compounds



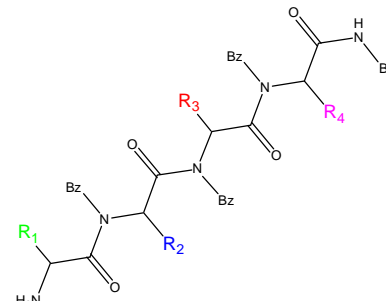
N-Per-Benzylated Pentamines

7,311,616 total compounds



**N-Per-Allylated
Tetrapeptidomimetics**

7,311,616 total compounds



**N-Per-Benzylated
Tetrapeptidomimetics**

7,311,616 total compounds

Reference: (1) Nefzi, A., et al. *Bioorgan. Med. Chem. Lett.*, 8:2273-2278, **1998**. (2) Nefzi, A., et al. *Tetrahedron Lett.* 41:5441-5446, **2000**. (3) Appel, J.R., et al. *Mol. Div.* 4:91-102, **1999**. (4) Tai, K.-K., et al. *Proc. Natl. Acad. Sci. USA* 98:3519-24, **2001**. (5) Nefzi, A., et al. *Tetrahedron* 55:335-344, **1999**.

**Mixture Sciences Inc. 3550 General Atomics Ct. 2-312 San Diego, CA 92121
(858) 455-3800 FAX: (858) 455-3879**

