

2017

Building blocks for DNA-encoded libraries

Library design is an important part of DNA-encoded library (DEL) technology. Enamine has accumulated the world's largest stock of building blocks, including a substantial number of readily available DEL-compatible reactive compounds. Novelty, exclusivity and favorable physico-chemical profiles of Enamine building blocks can largely benefit to the preparation of high-quality DEL's.

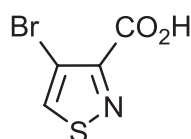
Monofunctional DEL-compatible building blocks

28,000 Primary amines	2,500 Sulfonyl halides
17,000 Secondary amines	1,100 Alkynes
25,000 Carboxylic acids	1,100 Boronic acids
3,500 Aldehydes	900 Aryl iodides
900 Hydrazines	600 Azides

Bifunctional DEL-compatible building blocks

14,000 small and rigid scaffolds bearing commonly employed combinations of orthogonal functional groups available in stock or offered for synthesis.

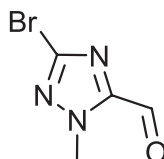
Acid - Aryl halide



EN300-264167

2,225 in stock
+3,900 feasible

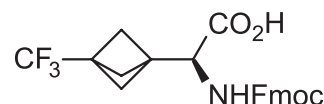
Aldehyde - Aryl halide



EN300-233158

547 in stock
+1,490 feasible

Acid - Fmoc-Amine



EN300-89327

63 in stock
+1,660 feasible

Available classes:

- **5,000** Acid - Boc-Amine
- **710** Aldehyde - Boc-Amine
- **170** Acid - Ester
- **3,900** Acid - Aryl halide
- **370** Acid - Alkyne
- **120** Aldehyde - Nitro
- **1,490** Aldehyde - Aryl halide
- **300** Acid - Nitro
- **110** Aldehyde - Ester
- **1,660** Acid - Fmoc-Amine
- **180** Acid - Aldehyde

Hundreds of compounds from stock can be delivered within 1-2 weeks, while larger lists of several thousand building blocks will require 3 weeks. We supply in μmol amounts in containers of your choice.

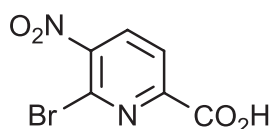




Trifunctional DEL-compatible scaffolds

13,500 small and rigid scaffolds bearing commonly employed combinations of orthogonal functional groups available in stock or offered for synthesis.

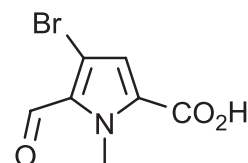
Acid - Aryl halide - Nitro



EN300-124838

37 in stock
+5,090 feasible

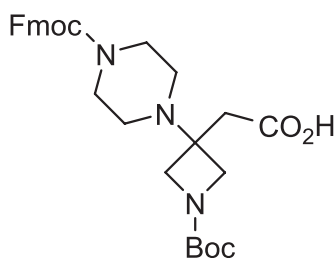
Acid - Aldehyde - Aryl halide



EN300-79687

7 in stock
+800 feasible

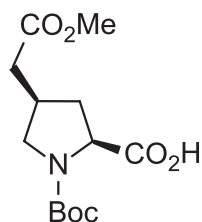
Acid - Boc-Amine - Fmoc-Amine



EN300-183615

9 in stock
+6,190 feasible

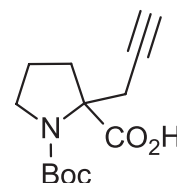
Acid - Ester - Boc-Amine



EN300-87440

4 in stock
+290 feasible

Acid - Alkyne - Boc-Amine



EN300-172817

5 in stock
+100 feasible

Available classes:

- **6,190** Acid - Boc-Amine - Fmoc-Amine
- **5,090** Acid - Aryl halide - Nitro
- **800** Acid - Aldehyde - Aryl halide
- **340** Acid - Aldehyde - Iodo
- **290** Acid - Ester - Boc-Amine
- **240** Acid - Fmoc-Amine - Ester
- **220** Acid - Fmoc-Amine - Nitro
- **130** Acid - Ester - Nitro
- **100** Acid - Alkyne - Boc-Amine
- **70** Acid - Aldehyde - Nitro
- **30** Acid - Alkyne - Fmoc-Amine

We continuously expand our portfolio of scaffolds and will be happy to use our expertise in custom synthesis of building blocks designed by you.

