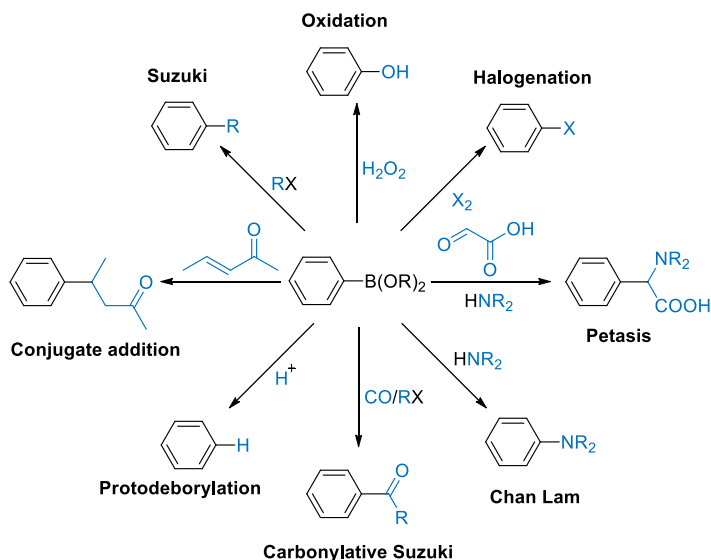
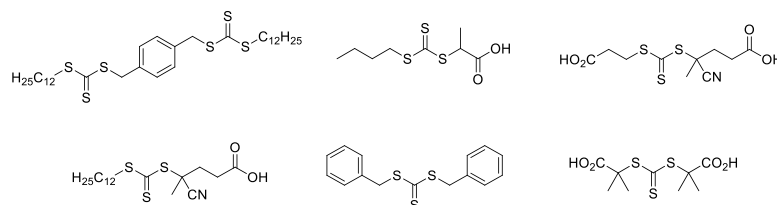


Boronic Acid Chemistry



- ▶ Catalogue of 2000 unique boronic acid building blocks
- ▶ Biaryls, terphenyls and advanced OLED intermediates
- ▶ 18 years experience in process chemistry for boronic acid synthesis and cross-coupling chemistry
- ▶ Expert in chemical synthesis and specialist in purification of chemicals with high-purity
- ▶ Specialists in custom synthesis for novel boronic acids

Trithiocarbonate Chemistry RAFT Agents



Specialty Products and Services

- | | | | |
|------------------|-------------------|--------------------------|---------------------------|
| ▶ Halogenation | ▶ Halide exchange | ▶ Borylation | ▶ Cross-coupling |
| ▶ Lithiation | ▶ Organometallics | ▶ Alkylation | ▶ Amination |
| ▶ Heterocycles | ▶ Hydrogenation | ▶ Hydrogenation | ▶ Reduction |
| ▶ Esterification | ▶ Extractions | ▶ Diazo Chemistry | ▶ Dye & pigments |
| ▶ Sulfonation | ▶ Flow Chemistry | ▶ Wipe Film Distillation | ▶ Fractional Distillation |

Ionic Liquids

- ▶ Synthesis of a range of high-purity ionic liquids
- ▶ Solid electrolytes such as organic ionic plastic crystals for solid-state battery applications.
- ▶ Ionic liquid starting materials (e.g. halide salts and tosyl-based salts)
- ▶ Custom-design synthesis for R&D purposes, and upscaling capabilities for large-scale applications.

