

Fine Chemicals

Phosgene Chemistry

Providing decades
of experience!

saltigo
customized competence

Phosgene Chemistry

Our Key Differentiators

Production facilities...

- ◆ available for every campaign-size (*including cGMP manufacturing*)

development lab (up to 1 kg)

technical lab (up to 50 kg)

pilotation plant = ZeTO™ (up to ton-scale)

dedicated phosgenation plant (up to multi 100 ton-scale)

- ◆ enables smooth transition in scale-up

Technology...

- ◆ safe handling of hazardous phosgene at all developmental stages
- ◆ strong chemical and technical experience with phosgene chemistry

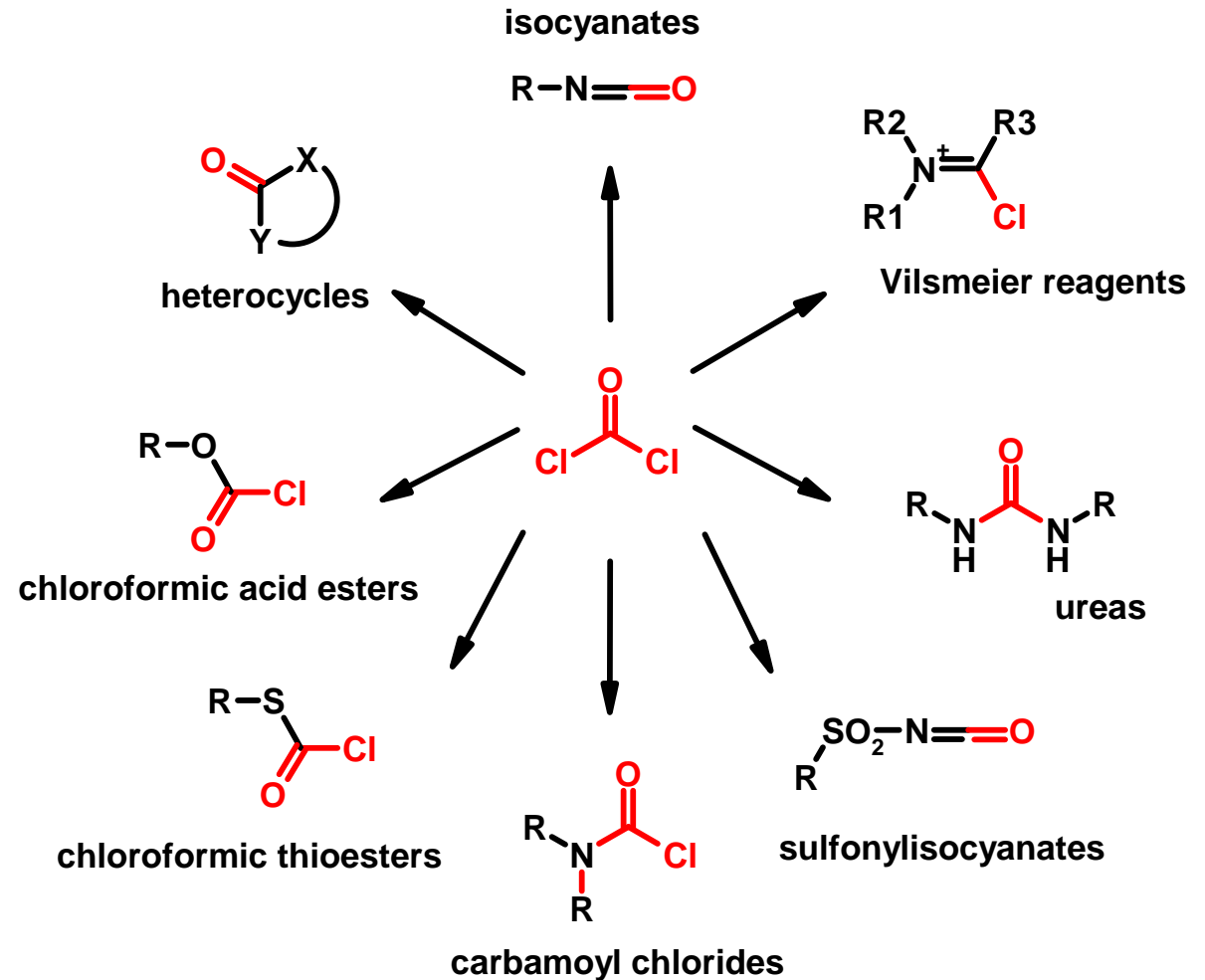
...providing solutions to problems

saltigo
customized competence

Phosgene Chemistry Overview

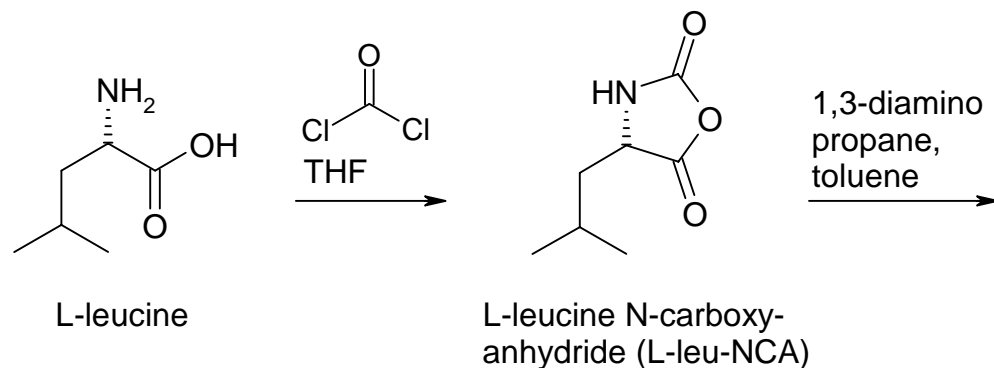
We provide

- ◆ custom synthesis from grams to kilograms scale in Laboratory and a scale-up to tons
- ◆ process research and development according to your needs

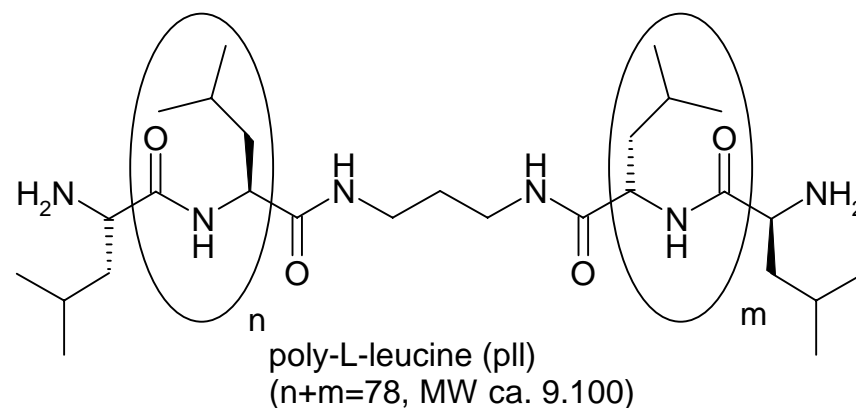


Phosgene Chemistry

Amino acid - NCA's

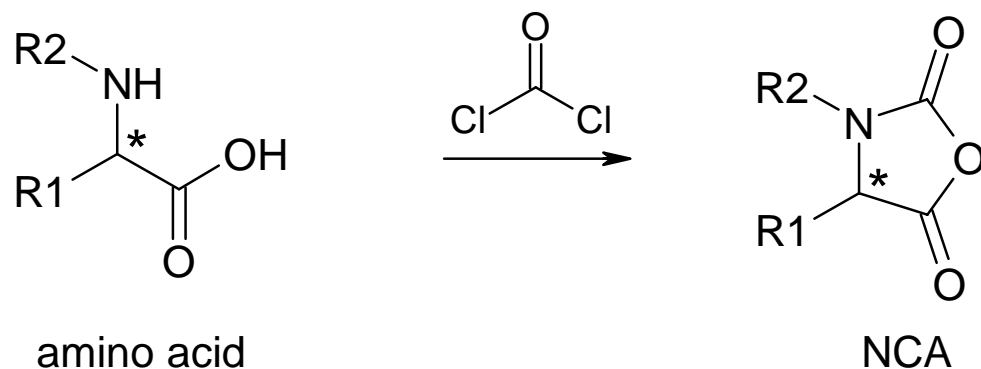


Adv. Synth. Catal. **2004**, 346, 1247-1249.



catalyst in asymmetric epoxidations
(Juliá-Colonna-reaction)

multi-100g-scale ISO-production
(development lab)

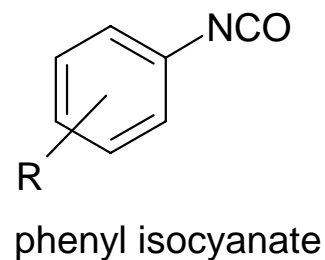
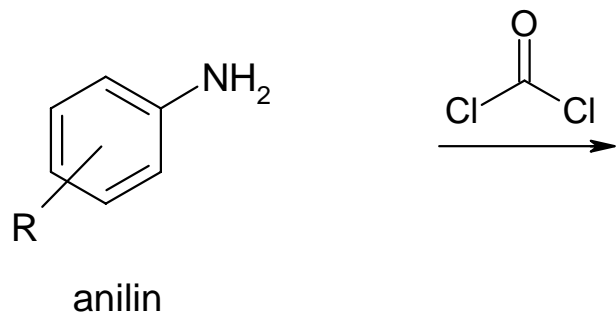


multi-ton-scale GMP-production
(ZeTO™)

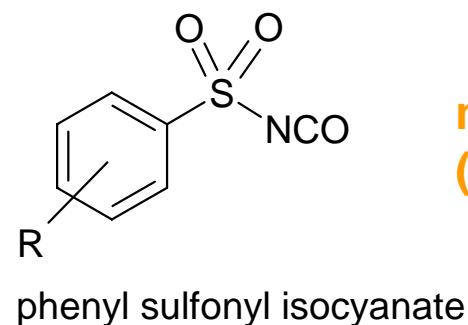
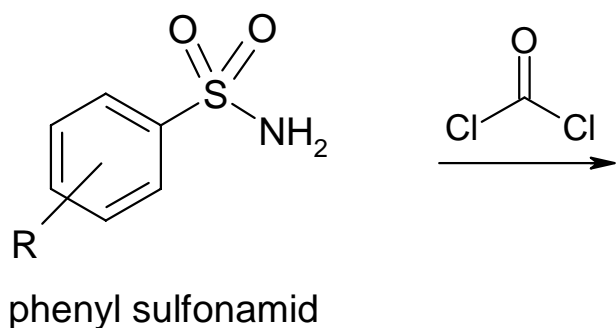
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Phosgene Chemistry

Aromatic isocyanates and sulfonyl isocyanates



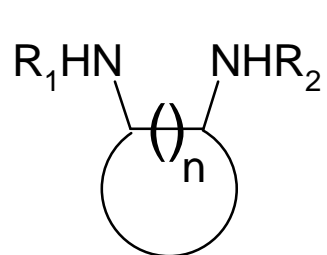
multi-ton-scale GMP-production
(ZeTO™)



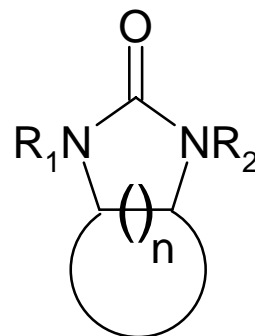
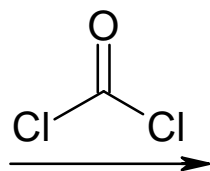
multi-ton-scale ISO-production
(ZeTO™)

Phosgene Chemistry

Heterocycles

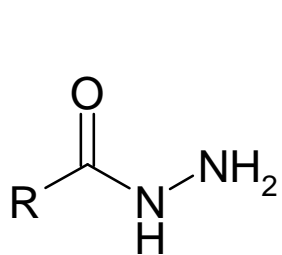


cyclic diamine

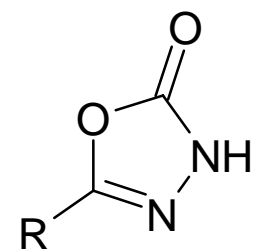
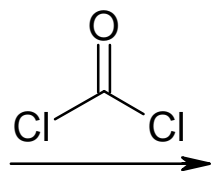


cyclic ureas

multi-100 kg ISO-production
(ZeTO™)



acid hydrazide

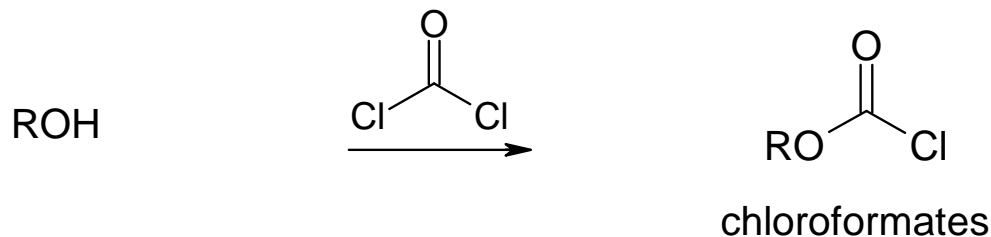


oxadiazolines

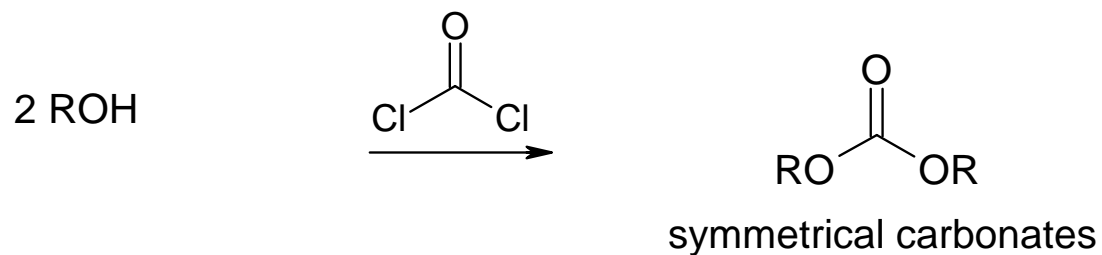
multi-ton-scale ISO-production
(ZeTO™)

Phosgene Chemistry

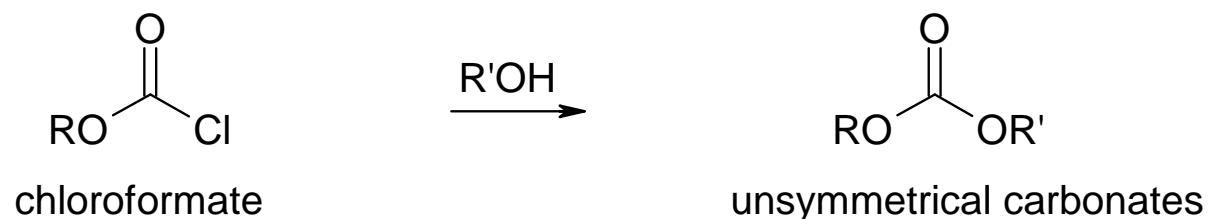
Reactive carbonyls



multi-ton-scale ISO-production
(dedicated phosgenation plant)



multi-ton-scale ISO-production
(dedicated phosgenation plant)



multi-ton-scale GMP-production
(ZeTO™)