

Malonodinitrile - A Lonza success story

Albrecht Metzger et al.
Lonza
albrecht.metzger@lonza.com

Malonodinitrile (MDN) is an important intermediate in the chemical and pharmaceutical industries and is widely used as a key building block. MDN is produced in tone scale by Lonza Ltd. via a high temperature production process using cyanogen chloride and acetonitrile. Due to its reactivity and unique properties malonodinitrile has found numerous applications in the synthesis of agrochemicals, dyestuff, polymers and pharmaceuticals as well as vitamin B₁.