

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number 10543

Product **1-Amino-4-chloro-2-butyne•HCl**

4-Chlorobut-2-yn-1-amine hydrochloride

CAS Number 77369-59-6

Molecular Formula C₄H₆ClN•HCl

Molecular Weight 140.01

Appearance White to slightly beige powder

Solubility Clear, colorless solution (50 mg/mL in MeOH)

Water Content (Karl Fisher) ≤ 4%

TLC System Chloroform/Methanol (7:3)
Chloroform/Methanol/Acetic acid (77.5:15:7.5)
Ethyl acetate/Pyridine/Acetic acid/Water (60:30:9:16.5)
Plate: Silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Purity by TLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only