

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 15317

Product

**3-Cyano-D-β-homophenylalanine
hydrochloride**

D-β-HomoPhe(3-CN)-OH•HCl

(R)-3-Amino-4-(3-cyanophenyl)butyric acid hydrochloride

CAS Number 269726-82-1

Molecular Formula C₁₁H₁₂N₂O₂•HCl

Molecular Weight 240.69

Appearance White powder

Melting Point 224-230 °C

TLC System Butanol/Acetic acid/Water (4:1:2) Single spot
Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot
Visualized with: UV/Iodine

Optical Rotation [α]_D²⁵ = +26 ± 2° (C=1 in DMF)

Purity by HPLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only