

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

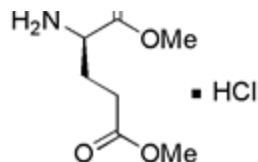
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 03067

Product **D-Glutamic acid dimethyl ester hydrochloride**

D-Glu(OMe)-OMe•HCl

CAS Number 27025-25-8

Molecular Formula C₇H₁₃NO₄•HCl

Molecular Weight 211.6

Appearance White to off-white powder

Solubility Clear solution (0.3g in 2mL H₂O)

Melting Point 98-105 °C

Water Content (Karl Fisher) ≤ 1%

Optical Rotation [α]_D²⁰ = -26 ± 2° (C=5 in H₂O)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to structure

Loss on Drying ≤ 2% (40 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 99%

Storage Store at 0-8 °C

For Laboratory Use Only