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Product Specifications

Catalogue Number	11459
Product	Benzyl-L-norleucine methyl ester hydrochloride Bzl-L-Nle-OMe•HCl Benzyl-L-2-aminohexanoic acid methyl ester•HCl
CAS Number	1122017-35-9
Molecular Formula	C ₁₄ H ₂₁ NO ₂ •HCl
Molecular Weight	271.79
Appearance	White powder with clumps
Solubility	Clear, colorless solution (50 mg/ml in methanol)
Water Content (Karl Fisher)	≤ 1.5%
TLC System	Chloroform/methanol/acetic acid 85/10/5 Ethylacetate/hexane 4/5 Benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Titration	≤ 14% Chloride content (AgNO ₃)
Assay	≥ 86% (Nth 5.95%)
Purity by TLC	≥ 97%
Storage	Store at 0-8°C

For Laboratory Use Only