

Chem-Impex International, Inc.

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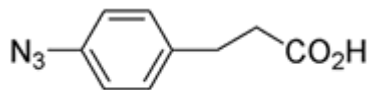
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	10591
Product	3-(4-Azidophenyl)propionic acid
CAS Number	103489-31-2
Molecular Formula	C ₉ H ₉ N ₃ O ₂
Molecular Weight	191.19

Warnings	<i>Light Sensitive!</i>
Appearance	Slightly yellow or off-white powder
Appearance of Solution	Clear, yellowish solution (50 mg/mL in ethylacetate)
Elemental Analysis (Theory)	C = 56 ± 0.5%, H = 4 ± 0.5%, N = 22 ± 0.5%
Water Content (Karl Fisher)	≤ 0.5%
TLC System	Chloroform/Methanol/Acetic acid/Water (45:13:1:2) Chloroform/Methanol/Acetic acid/Water (90:10:0.5:1) Plate: Silica gel 60 F ₂₅₄ Detected by: UV, Ninhydrin, chlorine-tolidine
Assay	≥ 99% (Nth 21.98% by Elemental analysis)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only