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Version 08

Specification

14.12.2011

Code No. 07280

BuPCI

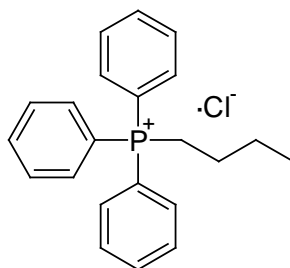
CAS No. 13371-17-0

EEC No. 236-443-3

Chemical Name

Butyltriphenylphosponium chloride
TPBP-Cl, BTPPC

Structure



Molecular Formula

$C_{22}H_{24}P.Cl$

Molecular Weight

354,86

Product Properties

| | |
|-----------------------------|---------------------------------------|
| Appearance | White to off-white crystalline powder |
| Assay (%) | ≥ 98,0 (Titration) |
| Melting point (°C) | 225 - 229 (DSC) |
| Loss on drying (%) | ≤ 1,0 |
| Chloride (%) | ≥ 9,75 |
| Solubility (10% EtOH) | clear, no residue |
| Triphenylphosphine (%) | ≤ 1,0 (TLC) |
| Triphenylphosphine oxide(%) | ≤ 0,5 (TLC) |

Storage

Cool, dry, tightly closed

Application

Phase transfer catalyst, co-catalyst, initiator

Changes in comparison to previous issue: Product properties.