

Product Name: (1-Hexadecyl)triphenylphosphonium bromide, 98+%
Catalog Number: A15180.09

CAS Number: 14866-43-4
IUPAC Name: hexadecyltriphenylphosphonium bromide
Molecular Formula: C₃₄H₄₈BrP
Molecular Weight: 567.64
MDL Number: MFCD00051858
InChI Key: UXMZNEHSMYESLH-UHFFFAOYSA-M
SMILES: [Br-].CCCCCCCCCCCCCCCC[P+](C1=CC=CC=C1)(C1=CC=CC=C1)C1=CC=CC=C1
Synonym: hexadecyltriphenylphosphonium bromide

Product Specification

Appearance (Color): White
Form: Powder or lumps
Water Content (Karl Fischer Titration): ≤1%
Assay (Titration ex Bromide): ≥98.0 to ≤102.0%
Melting Point (clear melt): 95.0-102.0°C

Date Of Print: 06/26/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.