

**Product Name:** Potassium 4-methyl-beta-styryltrifluoroborate, 95%, Thermo Scientific Chemicals

**Catalog Number:** L17973.06

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**CAS Number:** 219718-86-2

**IUPAC Name:** potassium trifluoro[2-(4-methylphenyl)ethenyl]boranuide

**Molecular Formula:** C<sub>9</sub>H<sub>9</sub>BF<sub>3</sub>K

**Molecular Weight:** 224.07

**InChI Key:** IHPTVBKDBKCIIO-UHFFFAOYSA-N

**SMILES:** [K+].CC1=CC=C(C=C[B-](F)(F)F)C=C1

**Synonym:** potassium trifluoro[2-(4-methylphenyl)ethenyl]boranuide

## Product Specification

**Appearance (Color):** White

**Form:** Crystals or powder or crystalline powder

**Assay (special):** ≥94.0 to ≤106.0% (based on elemental analysis)

**Elemental Analysis:** B: 4.54-5.11% (Theory: 4.82%)

**Elemental Analysis:** C: 45.35-51.14% (Theory: 48.24%)

**Elemental Analysis:** F: 23.91-26.96% (Theory: 25.44%)

**Elemental Analysis:** H: 3.80-4.29% (Theory: 4.04%)

**Elemental Analysis:** K: 16.40-18.50% (Theory: 17.45%)

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**Date Of Print:** 04/08/2025

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