

**Product Name:** 2-Fluoro-1-methylpyridinium p-toluenesulfonate, tech. 90%  
**Catalog Number:** L11088.03

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**CAS Number:** 58086-67-2  
**IUPAC Name:** 2-fluoro-1-methylpyridin-1-ium 4-methylbenzene-1-sulfonate  
**Molecular Formula:** C<sub>13</sub>H<sub>14</sub>FNO<sub>3</sub>S  
**Molecular Weight:** 283.32  
**InChI Key:** HQWDKLAIDBOLFE-UHFFFAOYSA-M  
**SMILES:** C[N+]1=CC=CC=C1F.CC1=CC=C(C=C1)S([O-])(=O)=O  
**Synonym:** 2-fluoro-1-methylpyridin-1-ium tosylate

### Product Specification

**Appearance (Color):** White  
**Form:** Crystals or powder or crystalline powder  
**Elemental Analysis:** C: 48.50-60.63% (Theory: 55.11%, UK-sourced material)  
**Elemental Analysis:** N: 4.35-5.44% (Theory: 4.94%, UK-sourced material)  
**Elemental Analysis:** H: 4.38-5.47% (Theory: 4.98%, UK-sourced material)  
**Melting Point (clear melt):** 122.5-134.5°C (UK-sourced material)  
**Proton NMR:** Conforms to structure (US-sourced material)  
**Assay (special):** ≥88.0% (based on elemental C, UK-sourced material)  
**Comment:** Material sourced in UK and US  
**Assay from Supplier's CoFA:** ≥88.0% (US-sourced material)

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**Date Of Print:** 04/23/2025

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