

# POTASSIUM

## Hexafluorophosphate

Potassium hexafluorophosphate is the chemical compound with the formula KPF<sub>6</sub>. This colourless salt consists of potassium cations and hexafluorophosphate anions. Potassium hexafluorophosphate is used to prepare 1-butyl-3-methylimidazolium hexafluorophosphate and other organic hexafluorophosphate compounds such as alkylaryliodonium hexafluorophosphate and triarylsulfonium hexafluorophosphate. It is also used in the cationic polymerization reactions as photo initiators. It involves in producing catalyst for peptide coupling reactions. In recent years, some large foreign pharmaceutical companies have used it as a protective agent for peptide drug synthesis as an important pharmaceutical intermediate.

# KPF6

**CAS**  
17084-13-8

NS6130-12-000016

## Quick Facts

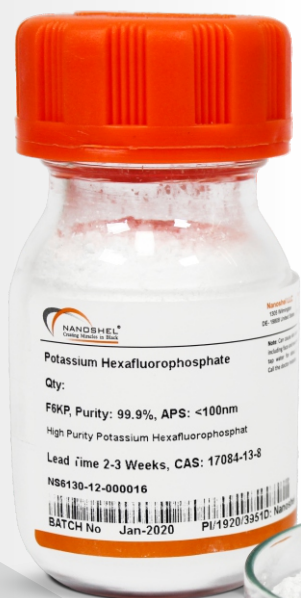
Product	: Potassium Hexafluorophosphate
Stock No	: NS6130-12-000016
CAS	: 17084-13-8
Color	: White/colorless
Form	: Powder

## TECHNICAL Specification

APS	: <100nm
Purity	: 99.9%
Molecular Weight	: 184.0625 g/mol
Density	: 2.75 g/cm <sup>3</sup>
Melting Point	: 575 °C

## APPLICATIONS

- ✓ Used as a catalyst for polymer synthesis
- ✓ Used in the cationic polymerization reactions as photo initiators.
- ✓ Pharmaceutical application



**APS**  
<100nm

**PURITY**  
99.9%



### Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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ISO 9001:2015  
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