

# Potassium 2-Nitrophenolate

## Basic Details

### CAS RN

824-38-4

### SYNONYMS

Potassium 2-nitrophenoxide,  
o-Hydroxynitrobenzene  
potassium salt.

### MOL. FORMULA

$C_6H_4NO_3K$

### MOL. WEIGHT

177.20

## Introduction

Potassium 2-nitrophenolate is an organic compound that belongs to the class of nitrophenolates. It is characterized by its yellow crystalline appearance and is known for its solubility in water. This compound is often used in agriculture, pharmaceuticals, and chemical research due to its versatile nature.

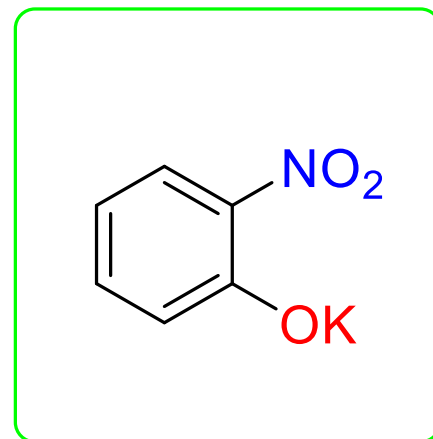
One of the primary benefits of Potassium 2-nitrophenolate is its role in agriculture. It is widely used as a plant growth regulator. When applied to crops, it can enhance plant growth, increase yield, and improve the overall quality of the produce. This is particularly beneficial for farmers looking to maximize their output and ensure the health and vitality of their crops.

The compound also finds applications in chemical research and industrial processes. It can serve as a reagent or catalyst in various chemical reactions, contributing to the synthesis of complex molecules. Its stability and reactivity make it a valuable tool for chemists working on innovative projects.

## Manufacture

We are a leading manufacturer of Potassium 2-nitrophenolate. We take pride in our state-of-the-art GMP facilities and advanced technology, which enable us to produce high-quality products that meet global standards.

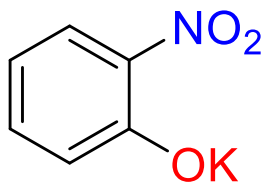
Our commitment to quality is unwavering, and we have implemented rigorous quality control parameters to ensure that each batch of Potassium 2-nitrophenolate is manufactured to the highest standards. This dedication to excellence has allowed us to establish a strong presence in international markets, including Europe, the Czech Republic, the USA, and various Asian countries.



## Applications

Intermediate	CAS RN
Ethyl O-Nitrophenyl Oxalate	17318-84-2
2- Nitrophenetole	610-67-3
2-(Benzyloxy)aniline	20012-63-9
Benzyl-2-nitrophenyl ether	4560-41-2

We understand the importance of reliability and consistency in the chemical industry, and our team is dedicated to providing our clients with products that meet their specific needs. Our advanced manufacturing processes and quality assurance protocols are designed to deliver products that consistently meet or exceed expectations.



#### PURITY

Minimum 99.5%

#### MOISTURE CONTENT

Free Moisture

#### CONTACT

support@uregold.com

### Specifications

Test	Specifications
Appearance	Orange crystalline solid
Solubility	Soluble in methanol, chloroform and DMSO
Identification by MS	Should conform to the structure
Identification by proton NMR	Should conform to the structure
Melting point	292.0-293.0
Purity by HPLC	Min 99.96

#### Storage

The product is stored at ambient temperature.

Keep container tightly closed in a dry, Inert atmosphere, Room temperature (25 – 30 0C)

#### Packing

25 kg and 50 KG UN approved drum.

#### REACH status

Not registered yet.

#### PRODUCT AVAIABLE FROM OUR OFFICES

BRAZIL

CZECH REPUBLIC

UAE

JAPAN

MALAYSIA

POLAND



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