

化学薬品

# 酸化剤

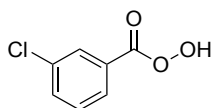
## Thermo Scientific の化学薬品

A crucial application and step in many synthetic routes, our wide range of chemicals from Thermo Scientific brings about an unmatched portfolio of oxidizing agents to support various oxidation reactions.

Refer to the product tables below to find out more about our oxidizing agents in detail by clicking on their catalog numbers.

### メタクロロ過安息香酸

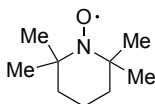
Uses: Prilizhaev epoxidation, synthesis of sulfones, nitro compounds, esters, and carbonyl groups



カタログ番号	説明	サイズ
L00286.36	3-Chloroperoxybenzoic acid, 50-55%, cont. ca 10% 3-chlorobenzoic acid, balance water, Thermo Scientific Chemicals	25 g, 100 g, 500 g
25579	3-Chloroperoxybenzoic acid, 70-75%, balance 3-Chlorobenzoic acid and water, Thermo Scientific Chemicals	25 g, 100 g

### TEMPO

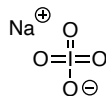
Uses: Oxidation of alcohols to carbonyls via a free-radical reaction



カタログ番号	説明	サイズ
A12733	TEMPO, free radical, 98+%, Thermo Scientific Chemicals	1 g, 5 g, 25 g
20038	2,2,6,6-Tetramethylpiperidinoxy, 98%, Thermo Scientific Chemicals	5 g, 25 g

### 過ヨウ素酸ナトリウム (NaIO<sub>4</sub>)

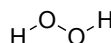
Uses: Oxidation of cellulose and synthesis of sulfones



カタログ番号	説明	サイズ
41961	Sodium periodate, 99.8+%, ACS reagent, Thermo Scientific Chemicals	5 g, 100 g, 500 g
013798	Sodium metaperiodate, 98%, Thermo Scientific Chemicals	10 g, 100 g, 500 g, 2 kg

### 過酸化水素

Uses: Synthesis of sulfoxides

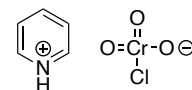


カタログ番号	説明	サイズ
L14000	Hydrogen peroxide, 35% w/w aq. soln., stab., Thermo Scientific Chemicals	500 mL, 1000 mL
20246	Hydrogen peroxide, for analysis, 35 wt.% solution in water, stabilized, Thermo Scientific Chemicals	25 mL, 1 L, 2.5 L



### クロロクロム酸ピリジニウム

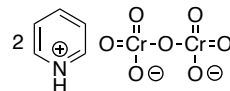
Uses: Formation of aldehydes and ketones from primary and secondary alcohols respectively.



カタログ番号	説明	サイズ
A11752	Pyridinium chlorochromate, 98%, Thermo Scientific Chemicals	100 g, 500 g
18367	Pyridinium chlorochromate, 98%, Thermo Scientific Chemicals	25 g, 100 g, 500 g

### ニクロム酸ピリジニウム

Uses: Formation of aldehydes and ketones from primary and secondary alcohols respectively.



カタログ番号	説明	サイズ
20088	Pyridinium dichromate, 98%, Thermo Scientific Chemicals	50 g, 250 g, 1 kg
L15132	Pyridinium dichromate, 98%, Thermo Scientific Chemicals	25 g

### スワーン酸化

Uses: Using less poisonous reactants to form aldehydes and ketones from primary and secondary alcohols respectively.

カタログ番号	説明	サイズ
036480	Dimethyl sulfoxide, ACS, 99.9% min, Thermo Scientific Chemicals	1 L, 4 L
A18012	Oxalyl chloride, 98%, Thermo Scientific Chemicals	50 g, 100 g, 250 g, 1000 g
A12646	Triethylamine, 99%, Thermo Scientific Chemicals	250 mL, 500 mL, 2500 mL
40692	Dichloromethane, 99.6%, ACS reagent, stabilized with amylene, Thermo Scientific Chemicals	500 mL, 1 L, 2.5 L, 4 L

### ジョーンズ酸化

Strong oxidizing agent; Used in forming ketones from secondary alcohols or carboxylic acids from primary alcohols and allylic hydrogens.

カタログ番号	説明	サイズ
012522	Chromium(VI) oxide, 99%, Thermo Scientific Chemicals	250 g, 1 kg
L14890	Sodium dichromate dihydrate, 98%, Thermo Scientific Chemicals	100 g, 500 g
42411	Potassium dichromate, 99+%, ACS reagent, Thermo Scientific Chemicals	50 g, 500 g, 2.5 kg

詳しい情報は [thermofisher.com/chemicals](http://thermofisher.com/chemicals) をご覧くださいか、  
[chemicals.japan@thermofisher.com](mailto:chemicals.japan@thermofisher.com) までメールでお問い合わせください。

thermo  
scientific | Chemicals