



# Anisole

$CH_3OC_6H_5$

## PRODUCT IN FOCUS



## Anisole

### INTRODUCTION

The aromatic is a liquid with a pleasant odor. The active methoxy group attached to a benzene ring renders a high amount of reactivity to the molecule. Worldwide, anisole is commercially produced by methylation of phenol.

### APPLICATIONS

Anisole is used in various industry verticals including but not limited to manufacture of API, colorants, cosmetics, flavor & fragrance chemicals, polymerization inhibitors, antioxidants, and agrochemicals. It is also consumed as solvent in various chemical processes.

#### Synonyms

Methoxybenzene  
Phenyl Methyl Ether  
Methyl Phenyl Ether

#### CAS no.

100-66-3

#### EINECS no.

202-876-1

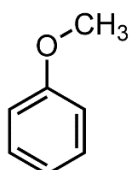
#### Molecular formula

$C_7H_8O$

#### Molecular weight

108.14

#### Structure



#### Pharmaceuticals:

The sweet aromatic is a key starting compound in the manufacture of Tamoxifen, Guaifenesin, Carvedilol, Ranolazine and Methocarbamol. In the process, anisole is first converted into Guaiacol, which is an antioxidant. Guaiacol is then used to synthesize some of the above APIs.

#### Agrochemicals:

The methoxylated benzene acts as an insect pheromone and it also finds usage in manufacture of Ancyimidole (a plant growth regulator) and Methoxychlor (an insecticide).

#### Flavors, Fragrances, and Cosmetics:

The aromatic compound is extensively employed, thanks to its odor, for production of F&F chemicals such as Anethole, p-anisaldehyde, Guaiacol, 4-methoxyacetophenone, etc. From the last compound, cosmetic ingredient Avobenzene is manufactured.



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### Inhibitor:

A feeble but important use of anisole is in production of methyl ether of hydroquinone (MEHQ), which is one of the universal polymerization inhibitors.

### Colorant:

Anisole is a KRM in the manufacture of the dye Disperse Blue 73 from Acid Blue 45.

### SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Clear colorless liquid
Purity by GC	%	NLT 99.5
Phenol Content by GC	Ppm	NMT 50
KF Moisture	%	NMT 0.1
Iron	ppm	NMT 5

### REACH status

Anisole offered by ExSyn is registered as Transported Isolated Intermediate (TII) under the EU REACH regulation.

### STORAGE

Product is stored at ambient temperature.

### PACKING

The product is offered in drum packing as well as ISO-tanks.

ExSyn offers this compound on commercial scale and welcomes enquiries. No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice ! If you need any additional information or SDS, please get in touch with us.