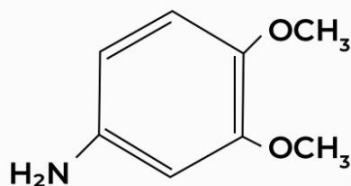


# 3,4-DIMETHOXYANILINE



## PRODUCT IN FOCUS



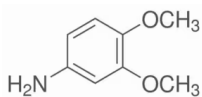
## 3,4-Dimethoxyaniline

### INTRODUCTION

3,4-dimethoxyaniline is an aromatic chemical. Its amino function is activated by presence of methoxy groups at meta and para positions and thus the compound readily undergoes many reactions that lead to formation of intermediates used largely in APIs, dyes, and pigments.

### Manufacture

It is commercially produced by catalytic reaction between aniline and formaldehyde. Other processes are reduction of 3,4-dimethoxynitrobenzene or ammonolysis of 4-chloro-1,2-dimethoxybenzene.

<b>Synonym</b>	4-Aminoveratrole 3,4-Dimethoxybenzeneamine
<b>CAS no.</b>	6315-89-5
<b>EINECS no.</b>	228-647-6
<b>Molecular formula</b>	C <sub>8</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular weight</b>	153.18
<b>Structure</b>	

### Applications

#### Intermediates:

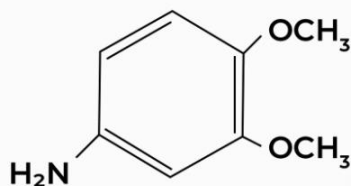
The aromatic is used in synthesis of various intermediates and some of them are:

- ✓ 2-Aminothiazole
- ✓ 4-Aminocatechol
- ✓ 4-Chloro-6,7-dimethoxyquinoline
- ✓ 6,7-Dimethoxy-4-oxo-1,4-dihydroquinoline-3-carboxylic acid ethyl ester

#### Others:

- ✓ As intermediate for dyes and pigments
- ✓ As tool for studying biochemical and physiochemical processes such as enzyme activities and gene expressions
- ✓ In flavors and fragrances
- ✓ As an inhibitor in chemical processes to prevent undesired side reactions

# 3,4-DIMETHOXYANILINE



## PRODUCT IN FOCUS



### SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Reddish brown, crystalline lumps or powder
Water by KF	%	Max 4.0
Sum of other compounds by HPLC	%	Max 2.0
Purity by HPLC	%	Min 98.0
Purity by NV	%	Min 89.0

### STORAGE

Stored at ambient temperature.

### PACKING

15 kg HDPE drum with inner liner.

### REACH Status

Not registered yet

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 contact us.