

Anethole (synthetic)

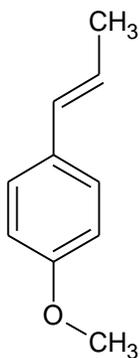
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Synonyms

trans-p-Methoxy- β -methylstyrene; 1-methoxy-4-(1-propenyl)benzene; (E)-1-*p*-Methoxyphenylpropene; (E)-Anethole; *trans*-1-(*p*-methoxyphenyl) propene; *trans*-1-*p*-Anisylpropene; *trans*-Anethole

Chemical structure and identity



Molecular formula	C ₁₀ H ₁₂ O
Molecular weight	148.20
CAS number	4180-23-8
EINECS number	224-052-0
HS code	29163400

Specifications

Appearance	Clear, colourless to pale-yellow liquid
Purity (by GC)	99% minimum
cis-Anethole (by GC)	0.3% maximum
Moisture	0.5% maximum
Odour	Sweet, floral, fennel, mild spicy, basil with slight fruity

Physical properties

Specific gravity	0.986 to 0.989 at 20°C
Refractive index	1.559 to 1.562 at 20°C
Boiling point	236°C to 239°C at 760 mm Hg
Congearing point	19.5°C to 22.5°C

Description

Anethole (synthetic) is a clear, colourless to pale-yellow liquid above 25°C

Applications

Intermediate for perfumery products

Packaging

Anethole (synthetic) is available in 200 kg GI drums.

Shelf life

12 months from the date of manufacturing

Storage and handling

Keep containers tightly closed and store away from ignition source and under inert atmosphere. Store containers away from heat, direct sunlight and oxidising | acidic materials. Avoid contact with eyes, skin or clothing. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

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Safety

Use proper Personal Protective Equipment (PPE). Wear tightly sealed goggles and protective gloves. Wash hands thoroughly after handling this product. Always refer to the SDS for detailed information on safety.

First aid

Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

Skin contact: Wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician immediately.

Ingestion: Avoid ingestion as the product is harmful. Immediately consult a physician.

Inhalation: Avoid inhalation as the product is harmful. Shift the affected person to fresh air. In case of irregular breathing or respiratory arrest, provide artificial respiration. Consult a physician immediately on suspicion of intoxication.

Spills and disposal

In case of spillage and | or leakage, always shut-off all possible sources of ignition and absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines as applicable.

Contact

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