

Foreverest Resources Ltd

α -水芹烯

85%

水芹烯是一对具有相似分子结构和相似化学性质的有机化合物。 α -水芹烯和 β -水芹烯是水芹烯的双键异构体，为环状单萜。两者均不溶于水，但可与乙醚混溶。水芹烯呈无色至淡黄色油状液体，因其令人愉悦的芳香，因此被用于香精香料中。其中 β -水芹烯散发有薄荷辛香和轻微的柑橘青香。天然规格的水芹烯，其右旋体存在于肉桂油、姜油、榄香油、孜然油等中；左旋体存在于桉树油、八角油、口香糖油、月桂油、胡椒油等。 α -水芹烯在常压下蒸馏易分解，久置于空气中旋光度也会明显降低。故需要密封保存。

Substance Identification

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|----------|---|
| Synonyms | α -Phellandrene p-mentha-1,5-diene Menthadiene |
| CAS | N/A |
| EINECS | 202-792-5 |

| | |
|-------------------|----------|
| FEMA | N/A |
| HS.CODE | 29021990 |
| Molecular Formula | C10H16 |
| Molecular Weight | 136.23 |

GRAS[FEMA, LD50]

5700mg/kg

Application & Uses

- 手性催化
- 用于合成香料、各种功能性和酒精性香水以及水果仿制品
- 祛痰剂成分
- 用作天然抗癌药物如软珊瑚醇[Eleutherobin]的中间体
- 用作天然杀虫剂的成分
- 用作功能材料

Features & Benefits

Sales Specification

| ITEM | VALUE |
|-----------------|------------|
| 外观 | 无色或微黄色油状液体 |
| 含量@GC, % | 85 min |
| GRAS@FEMA, LD50 | 5700mg/kg |

Similar Specs

[Beta Phellandrene](#)

[alpha-Phellandrene](#)

Package

- 镀锌铁桶（新），25公斤

GHS Hazard Statements

Storage

- 禁止使用二手容器贮存
- 该物质易氧化，需密封贮存
- 密封贮存于6~8°C仓库内
- 贮存于通风、干燥、阴凉处，避免阳光直射
- 远离火苗、明火、火源

Relation Products

- [para Cymene](#)

Relation Articles

- [Business Value of \$\alpha/\beta\$ Phellandrene in Agricultural Application](#)
 - [Dipentene, an effective, safe, biodegradable cleaning and degreasing material](#)
 - [Ten questions concerning air fresheners and indoor built environments](#)
 - [What are the natural terpenes](#)
 - [The composition of the essential oil](#)
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Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

Manage consent