

Foreverest Resources Ltd

Perillyl Alcohol (CAS 536-59-4)

98%

Perillyl Alcohol is a naturally occurring monoterpene related to limonene with antineoplastic activity. Perillyl Alcohol industrially can be obtained by dehydration of [β-epoxy-pinane](#) into diol in the presence of mercury salts. or using [β-Pinene](#) as raw material to produce perilla acetate, and then Perilla alcohol was synthesized by saponification.

Substance Identification

Synonyms	Dihydrocuminyl alcohol Hydrocumin alcohol
CAS	N/A
EINECS	208-639-9

FEMA	N/A
HS.CODE	290500
Molecular Formula	C10H16O
Molecular Weight	152.23

LD50 skin, rabbit	5gm/kg min
LD50 oral, rat	2100mg/kg

Application & Uses

- It is used for imitation of citrus, vanilla, fruit flavoring, food excipient, and preservative of soy sauce.
- organic synthesis of important intermediates, perillinol is the synthesis of perillinaldehyde, perillincapine and other key intermediates.
- Synthetic plant production regulators, agricultural insecticides and insect antifeeding agents.
- Perilla has unique medicinal effects and is used for organ transplantation, which can reduce the rejection of the allograft.
- Perilla, as a monoterpene drug for the treatment and prevention of cancer, has broad-spectrum, high efficiency and low toxicity in the anti-cancer effect, and has unique therapeutic effects in the treatment of tumors, such as an ovarian tumor, esophageal cancer, breast cancer, etc.

Sales Specification

ITEM	VALUE
Content	98% min
LD50 skin, rabbit	5gm/kg min
LD50 oral, rat	2100mg/kg

Package

GHS Hazard Statements

No data available

Storage

- flammable materials should be stored in a separate safety storage cabinet or room
- ground all equipment containing material
- keep away from heat
- keep away from sources of ignition
- keep container tightly closed
- keep in a cool, well-ventilated place

Relation Products

- [Perilla Aldehyde](#)
- [Beta Pinene](#)

Relation Articles

- [ANTI-VIRUS FUNCTION of ESSENTIAL OILS and PLANT EXTRACTS](#)
- [Biological function and mechanism of plant extracts\(2\)](#)

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.