

TGSC Information System

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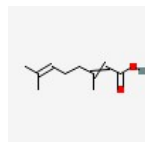
3,7-dimethylocta-2,6-dienoic acid

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Name: 3,7-dimethylocta-2,6-dienoic acid

CAS Number: 459-80-3



[3D/inchi](#)

ECHA EINECS - REACH Pre-Reg: [207-299-9](#)

FDA UNII: [PL902IKN0A](#)

Beilstein Number: 1763804

MDL: MFCD00036493

CoE Number: 10094

XlogP3-AA: 3.10 (est)

Molecular Weight: 168.23592000

Formula: C10 H16 O2

BioActivity Summary: [listing](#)

NMR Predictor: [Predict \(works with chrome, Edge or firefox\)](#)

Also(can) Contains: [\(E\)-geranic acid](#)
[\(Z\)-geranic acid](#)

EFSA/JECFA Comments:

JECFA evaluated (E,Z)-Geranic acid, a mixture of 49.4 % (E)-isomer and 45.6 % (Z)-isomer.

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JECFA Food Flavoring: [1825 \(E,Z\)-geranic acid](#)

DG SANTE Food Flavourings: [08.081 geranic acid](#)

FEMA Number: [4121](#) geranic acid

FDA: [No longer provide for the use of these seven synthetic flavoring substances](#)

FDA Mainterm (SATF): [459-80-3 ; GERANIC ACID](#)

Physical Properties:

Appearance: colorless to pale yellow clear oily liquid (est)

Assay: 95.00 to 100.00 sum of isomers

Food Chemicals Codex Listed: No

Specific Gravity: 0.95200 to 0.95800 @ 25.00 °C.

Pounds per Gallon - (est): 7.922 to 7.972

Refractive Index: 1.47900 to 1.48900 @ 20.00 °C.

Melting Point: 21.00 °C. @ 760.00 mm Hg

Boiling Point: 250.00 °C. @ 760.00 mm Hg

Boiling Point: 149.00 to 151.00 °C. @ 18.00 mm Hg

Vapor Pressure: 0.000373 mmHg @ 25.00 °C. (est)

Flash Point: 230.00 °F. TCC (110.00 °C.)

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Notes
water

Organoleptic Properties:

Odor Type: green

Odor Strength: medium ,
 recommend smelling in a 10.00 % solution or less

Substantivity: 272 hour(s) at 100.00 %

dry weedy acidic green moldy woody

Odor Description: at 10.00 % in propylene glycol. dry weedy acidic green moldy feet woody
 Luebke, William tgsc, (2006)

Odor sample from: Sigma-Aldrich

green weedy woody greasy sweet

Odor Description: green weedy woody greasy sweet

Flavor Type: green

dry weedy musty green woody

Taste Description: at 25.00 ppm in water. dry weedy musty green woody
 Luebke, William tgsc, (2006)

Odor and/or flavor descriptions from others (if found).

Bedoukian Research

GERANIC ACID \geq 90.0% (sum of isomers), Kosher

Odor Description: Green, floral, weedy, woody notes
 The soft, fresh, green-floral odor is useful for reconstituted oils.

Taste Description: green
 Found in bitter orange and lemon balm, this can be used to balance out sweet notes in those or other citrus formulations.

Cosmetic Information:

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Bedoukian Research

GERANIC ACID

sds

\geq 90.0% (sum of isomers), Kosher

Odor: Green, floral, weedy, woody notes

Use: The soft, fresh, green-floral odor is useful for reconstituted oils.

Flavor: green

Found in bitter orange and lemon balm, this can be used to balance out sweet notes in those or other citrus formulations.

BOC Sciences

For experimental / research use only.

GERANIC ACID 95.0% (sum of isomers)

CJ Latta & Associates

GERANIC ACID

Global Essence

Geranic Acid

Kingchem Laboratories

GERANIC ACID

Odor: Green, floral note with wood undertones

Lluch Essence

GERANIC ACID 95%

Nagar Haveli Perfumes & Aromatics

Geranic Acid

Odor: dry weedy acidic green moldy feet woody greasy

Nagar Haveli Perfumes & Aromatics