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Tetrahydrofuran

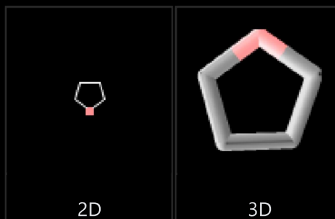
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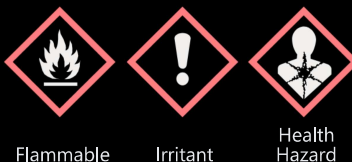
PubChem CID

8028

Structure



Primary Hazards



Flammable

Irritant

Health
Hazard

[Laboratory Chemical Safety Summary \(LCSS\) Datasheet](#)

Molecular Formula

C_4H_8O
(CH_2)₃CH₂O

Synonyms

TETRAHYDROFURAN
109-99-9
Oxolane
Furanidine
Furan, tetrahydro-

[View More...](#)

Molecular Weight	72.11 g/mol <i>Computed by PubChem 2.2 (PubChem release 2025.04.14)</i>
Dates	Create: 2005-03-26 Modify: 2025-09-27
Description	<p>Tetrahydrofuran can cause cancer according to California Labor Code and the World Health Organization's International Agency for Research on Cancer (IARC).</p> <p>► California Office of Environmental Health Hazard Assessment (OEHHA)</p> <p>Tetrahydrofuran appears as a clear colorless liquid with an ethereal odor. Less dense than water. Flash point 6 °F. Vapors are heavier than air.</p> <p>► CAMEO Chemicals</p> <p>Oxolane is a cyclic ether that is butane in which one hydrogen from each methyl group is substituted by an oxygen. It has a role as a polar aprotic solvent. It is a member of oxolanes, a saturated organic heteromonocyclic parent, a cyclic ether and a volatile organic compound.</p> <p>► ChEBI</p> <p>View More...</p>

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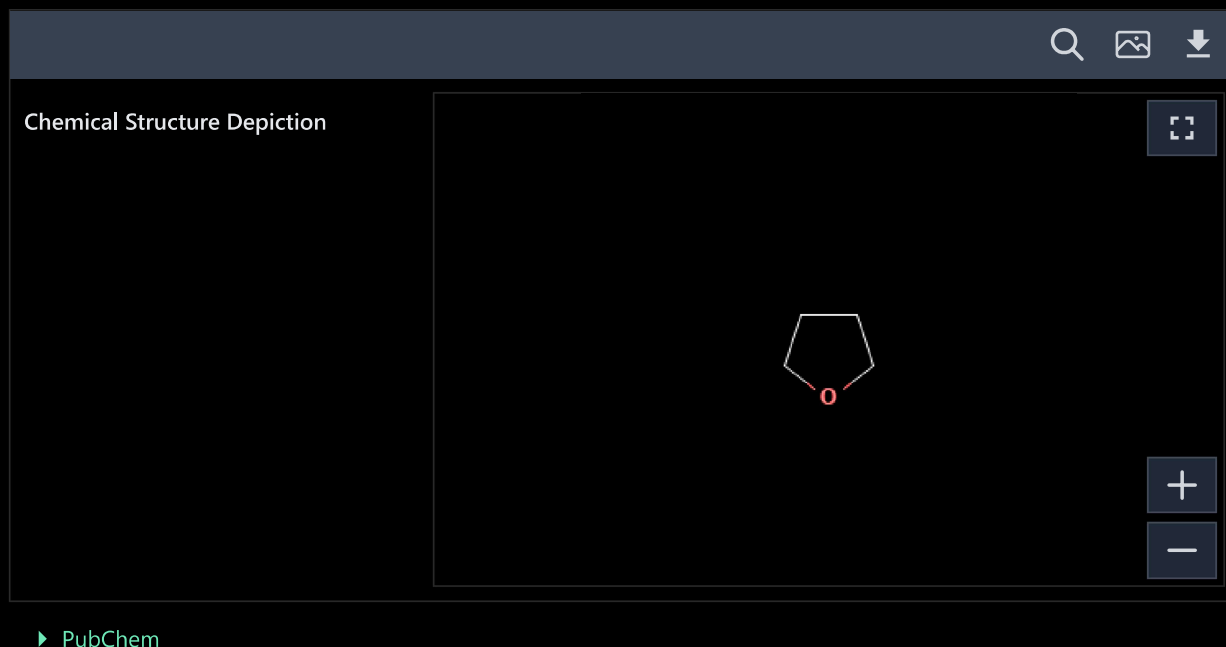
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1 Structures



1.1 2D Structure



1.2 3D Conformer

