

2-Thiazolidinone (CAS No. : 2682-49-7) - Recent News from VulcanChem

2-Thiazolidone from VulcanChem can be directly used as a fungicide, insecticide, plant growth regulator.

PASADENA, CALIFORNIA, UNITED STATES, October 12, 2020

/EINPresswire.com/ -- [2-Thiazolidone](#) from [VulcanChem](#) can be directly used as a fungicide, insecticide, plant growth regulator, which is an important pesticide, medicine, and dye intermediates, is an important intermediate of excellent nematocide thiazolidophos. 2-Thiazolidinone is used in the synthesis of (S)-4-iso-butylthiazolidin-2-one and (S)-4-benzylthiazolidin-2-one that show inhibitive activities against *Candida albicans* and *Escherichia coli*. 2-Thiazolidinone is not only a useful intermediate, but also has good fungicidal activities toward various plant disease fungus. 2-Thiazolidinone was synthesized by the exchange reaction between the oxygen of chloroethanol and sulphur atom of 2-thiazolidinethione.

1 Basic Information:

CAS: 2682-49-7

Molecular formula: C₃H₅NOS

[Molecular weight](#): 103.14

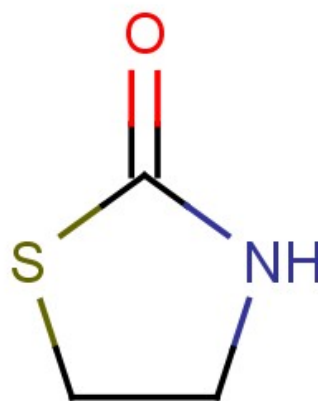
Melting point: 53°C

Boiling point: 247°C (1bar);160°C (20 torr)

Appearance: white or light yellow crystal



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2-Thiazolidinone

2□Main Applications:

2-thiazolidone can be directly used as a fungicide, insecticide, plant growth regulator, is an important pesticide, medicine, and dye intermediates, is an important intermediate of excellent nematocide thiazolidophos.

3□Product specifications:

Purity: 95%;98% can be customized

Packing specification: 25Kg/ drum

4□Estimated supply time and capacity:

From October 2020, the production capacity will be 30t/month

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