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Datasheet for ABIN5022401

## Quisqualic Acid

### 1 Image

#### Overview

Quantity: 10 mg

#### Product Details

Purpose: Glutamate receptor agonist

Purity: 99.2 %

Chemical Name: (L)-(+)- $\alpha$ -Amino-3,5-dioxo-1,2,4-oxadiazolidine-2-propanoic acid

Formula: C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>O<sub>5</sub>

Solubility: Soluble to 100 mM in 1eq. NaOH; 10 mM in water

#### Target Details

Molecular Weight: 189.13

CAS-No: 52809-07-1

#### Application Details

Comment: Source: Isolated from Quisqualis fructus.

Appearance: Off white solid

Restrictions: For Research Use only

#### Handling

Format: Solid

Precaution of Use: Classification: Not WHMIS controlled. Safety Phrases: S22 - Do not breathe dust. S24/25 -

## Handling

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Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. Hazard statements: H302 + H312 Harmful if swallowed or in contact with skin H332 Harmful if inhaled. Precautionary statements: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/ physician if you feel unwell. P322 Specific measures (see supplemental first aid instructions on this label). P330 Rinse mouth. P363 Wash contaminated clothing before reuse. P501 Dispose of contents/ container to an approved waste disposal plant.

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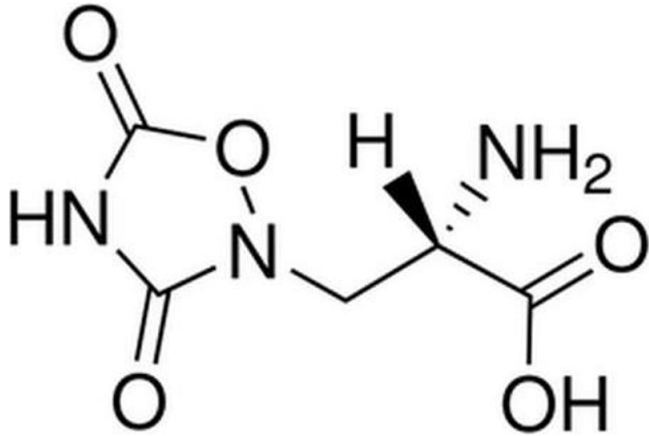
### Handling Advice:

Classification: Not WHMIS controlled. Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. Hazard statements: H302 + H312 Harmful if swallowed or in contact with skin H332 Harmful if inhaled. Precautionary statements: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/ physician if you feel unwell. P322 Specific measures (see supplemental first aid instructions on this label). P330 Rinse mouth. P363 Wash contaminated clothing before reuse. P501 Dispose of contents/ container to an approved waste disposal plant.

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### Storage:

-20 °C



#### Molecule

**Image 1.** Chemical structure of Quisqualic Acid, a Glutamate receptor agonist. CAS #: 52809-07-1. Molecular Formula: C<sub>5</sub>H<sub>7</sub>N<sub>3</sub>O<sub>5</sub>. Molecular Weight: 189.13 g/mol.