

# SAFETY DATA SHEET

**Coluracetam**

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## Section 1: Identification

**Product name:** Coluracetam

**Chemical name:** Coluracetam

**CAS number:** 135463-81-9

**Molecular formula:** C<sub>19</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>

**Molecular weight:** 341.40 g/mol

**Recommended use:** Laboratory research use only

**Uses advised against:**

Not for food, drug, cosmetic or household use.

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## Section 2: Hazard(s) identification

This substance has not been fully evaluated for hazard classification according to Regulation (EC) No. 1272/2008 (CLP).

**Signal word:** None assigned

**Hazard statements:**

Not classified based on available data.

**Precautionary statements**

P261 Avoid breathing dust

P264 Wash hands thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P280 Wear protective gloves, protective clothing and eye protection

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## Section 3: Composition / information on ingredients

**Substance:** Coluracetam

**CAS number:** 135463-81-9  
**Molecular formula:** C<sub>19</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>  
**Molecular weight:** 341.40 g/mol

The product is supplied as a single substance for laboratory use.

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## Section 4: First aid measures

### General advice

Seek medical attention if symptoms occur.

### Inhalation

Move person to fresh air. If irritation or discomfort occurs, seek medical attention.

### Skin contact

Wash with soap and water. Remove contaminated clothing.

### Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

### Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel.

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## Section 5: Fire-fighting measures

### Suitable extinguishing media

Water spray, dry chemical, foam or carbon dioxide.

### Hazardous combustion products

Carbon oxides, nitrogen oxides and irritating fumes may form during combustion.

### Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

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## Section 6: Accidental release measures

### Personal precautions

Ensure adequate ventilation. Avoid dust formation. Wear appropriate protective equipment.

### Environmental precautions

Prevent release into drains or the environment.

**Methods for cleaning up**

Collect spilled material carefully and place in a suitable container for disposal.

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**Section 7: Handling and storage****Handling**

Handle in accordance with good laboratory safety practices. Avoid contact with skin and eyes. Avoid breathing dust.

**Storage**

Store in a tightly sealed container in a cool, dry and well-ventilated area. Protect from heat, moisture and direct sunlight.

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**Section 8: Exposure controls / personal protection****Engineering controls**

Use adequate ventilation or chemical fume hood.

**Eye protection**

Safety glasses or chemical safety goggles.

**Hand protection**

Protective gloves.

**Skin protection**

Laboratory coat or suitable protective clothing.

**Respiratory protection**

Use respiratory protection if dust exposure is possible.

**Hygiene measures**

Wash hands thoroughly after handling.

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**Section 9: Physical and chemical properties**

**Appearance:** Powder

**Color:** White to off-white

**Odor:** No data available

**Melting point:** No reliable data available

**Boiling point:** No data available

**Solubility:** Soluble in organic solvents such as DMSO

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## **Section 10: Stability and reactivity**

### **Chemical stability**

Stable under recommended storage conditions.

### **Conditions to avoid**

Heat, moisture, direct sunlight.

### **Incompatible materials**

Strong oxidizing agents.

### **Hazardous decomposition products**

Carbon oxides and nitrogen oxides.

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## **Section 11: Toxicological information**

No comprehensive toxicological data available.

Handle as a substance with incomplete toxicological characterization.

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## **Section 12: Ecological information**

No specific ecological data available.

Avoid uncontrolled release to the environment.

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## **Section 13: Disposal considerations**

Dispose of contents and container in accordance with local, regional and national regulations.

Handle as laboratory chemical waste.

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## **Section 14: Transport information**

Not classified as dangerous goods for transport under ADR / IMDG / IATA regulations.

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## **Section 15: Regulatory information**

This substance is supplied for laboratory research purposes only.

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## **Section 16: Other information**

The information provided in this Safety Data Sheet is based on available chemical data and is intended for laboratory use and handling guidance.