

### SECTION-1: Identification of the substance / mixture and the company / undertaking

<b>Catalogue Number</b>	CS-T-96097
<b>Product Name</b>	Sitagliptin Triazecine Analog-D4
<b>CAS No.</b>	-
<b>Category</b>	Stable Isotopes
<b>Synonyms</b>	10-(2,4,5-Trifluorobenzyl)-3-(trifluoromethyl)-6,7,10,11-tetrahydro-[1,2,4]triazolo[3,4-c][1,4,7]triazecine-8,12(5H,9H)-dione-D4
<b>Brand</b>	Clearsynth Labs Ltd.
<b>Identified uses</b>	Laboratory Chemicals
<b>Uses advised against</b>	Not available
<b>Company</b>	Clearsynth Labs Ltd. Mumbai, India
<b>Emergency Phone #</b>	+91-22-245045900
<b>REACH No.</b>	Not available

### SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

#### 2.2 Label Elements

**Signal Word:** Not available

Not available

#### Hazard Statement(s)

Code	Statement
Not available	Not available

#### Precautionary Statement(s)

Code	Statement
Not available	Not available

### SECTION 3: Composition / information on ingredients

### 3.1 Substance

Component : Sitagliptin Triazecine Analog-D4

CAS Number : -

Molecular Formula : C<sub>16</sub>H<sub>9</sub>D<sub>4</sub>F<sub>6</sub>N<sub>5</sub>O<sub>2</sub>

Molecular Weight : 425.32

Parent Chemical : Sitagliptin

Synonyms : 10-(2,4,5-Trifluorobenzyl)-3-(trifluoromethyl)-6,7,10,11-tetrahydro-[1,2,4]triazolo[3,4-c][1,4,7]triazecine-8,12(5H,9H)-dione-D4

Concentration : Not available

## SECTION 4: First aid measures

### SECTION 4: First-aid measures

#### 4.1 Description of first aid measures

- General advice: Remove from exposure. Show this SDS to medical personnel if available.
- Inhalation: Move person to fresh air. If symptoms persist, get medical attention.
- Skin contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation develops or persists.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
- Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Get medical attention.

#### 4.2 Most important symptoms/effects, acute and delayed

- Not available.

#### 4.3 Indication of immediate medical attention and special treatment needed

- Treat symptomatically. No data available.

## SECTION 5: Firefighting measures

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

- Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

- No data available. Combustion may produce carbon oxides, nitrogen oxides, and hydrogen fluoride/fluorinated compounds.

#### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus and full protective gear.
- Use water spray to cool unopened containers exposed to heat.

## SECTION 6: Accidental release measures

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

- Avoid breathing dust/vapors. Avoid contact with skin and eyes.

- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

#### 6.2 Environmental precautions

- Avoid release to the environment. Prevent entry into drains, surface water, or soil.

#### 6.3 Methods and material for containment and cleaning up

- For small spills: Sweep up or collect without generating dust. Place in a suitable, closed container for disposal.
- For large spills: Contain spill. Collect mechanically where possible. Clean area with suitable method to minimize dust.

#### 6.4 Reference to other sections

- Disposal considerations: see Section 13. Exposure controls/PPE: see Section 8.

### SECTION-7: Handling and storage

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- Avoid formation of dust and aerosols.
- Avoid contact with skin, eyes, and clothing. Do not breathe dust.
- Use with adequate ventilation.

##### 7.2 Conditions for safe storage, including any incompatibilities

- Store tightly closed in original container in a cool, dry, well-ventilated place.
- Protect from moisture.
- Incompatibilities: Not available.

##### 7.3 Specific end use(s)

- Laboratory/research use. Not for food, drug, or household use.

### SECTION 8: Exposure controls / personal protection

#### SECTION 8: Exposure controls/personal protection

##### 8.1 Control parameters

- Occupational exposure limits: Not available.

##### 8.2 Exposure controls

- Engineering controls: Use local exhaust ventilation or other engineering controls to maintain airborne levels as low as practicable.
- Personal protective equipment (PPE):
  - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
  - Skin protection: Protective gloves (material not specified). Wear protective clothing as appropriate.
  - Respiratory protection: If ventilation is inadequate or dust/aerosols may be generated, use a suitable particulate respirator in accordance with applicable regulations.
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.

### SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

## SECTION 10: Stability and reactivity

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

- No data available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- No data available.

#### 10.4 Conditions to avoid

- Excessive heat. Moisture. Dust generation.

#### 10.5 Incompatible materials

- Not available.

#### 10.6 Hazardous decomposition products

- Carbon oxides, nitrogen oxides, hydrogen fluoride and other fluorinated compounds (under fire/thermal decomposition conditions).

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.
- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

#### Likely routes of exposure

- No data available.

#### Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

### SECTION 12: Ecological information

#### SECTION 12: Ecological information

##### 12.1 Toxicity

- Not available.

##### 12.2 Persistence and degradability

- Not available.

##### 12.3 Bioaccumulative potential

- Not available.

##### 12.4 Mobility in soil

- Not available.

### 12.5 Results of PBT and vPvB assessment

- Not available.

### 12.6 Endocrine disrupting properties

- Not available.

### 12.7 Other adverse effects

- Not available.

## SECTION 13: Disposal considerations

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Do not discharge to drains.
- Incineration or disposal via a licensed waste contractor may be appropriate.
- Contaminated packaging: Dispose of as unused product unless cleaned.

## SECTION 14: Transport information

### SECTION 14: Transport information

- UN number: Not available.
- UN proper shipping name: Not available.
- Transport hazard class(es): Not available.
- Packing group: Not available.
- Environmental hazards: Not available.
- Special precautions for user: Not available.
- Transport in bulk according to IMO instruments: Not available.

Note: Transport classification may vary by mode and jurisdiction; confirm with carrier and applicable regulations.

## SECTION 15: Regulatory information

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulatory status/inventories: Not available.
- GHS classification: Not available.
- Label elements: Not available.

#### 15.2 Chemical safety assessment

- No data available.

## SECTION 16: Other information

### SECTION 16: Other information

- Product name: Sitagliptin Triazecine Analog-D4
- Catalog No.: CS-T-96097

- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

- The information provided is believed to be accurate based on available data, but no warranty is expressed or implied. Users must determine suitability for their particular purpose and comply with all applicable laws and regulations.

#### Revision information

- Revision date: Not available.
- Version: Not available.

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