

## Acyl Protein Thioesterase Inhibitor ML349

According to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

### Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

**Product Code:** A010-702  
**Product Name:** ML349  
**CAS No.:** 890819-86-0

**Relevant identified uses of the substance or mixture and uses advised against:**  
**Relevant identified uses:** For research use only, not for human or veterinary use.

**Details of the Supplier of the Safety Data Sheet:**

**Company Name:** Badrilla Ltd.  
1148 Rose Bowl, Portland Crescent  
Leeds LS1 3HB  
United Kingdom

**Web site address :** <https://badrilla.com>  
**E-mail address :** [info@badrilla.com](mailto:info@badrilla.com)

**Emergency telephone number:**

**Emergency contact:** Badrilla Ltd +44 7801 730618  
**Information:** Badrilla Ltd <https://badrilla.com>

### Section 2: Hazards Identification

Harmful by ingestion.

Contains a pharmaceutically active ingredient.

Handling should only be performed by personnel trained and familiar with handling of potent active pharmaceutical ingredients.

Moderate to severe irritant to the skin and eyes

The product does not need to be labelled in accordance with EC directives or respective national laws.

### Section 3: Composition/ Information on Ingredients

**Product Chemical Name & Synonyms:**

(5,5-Dioxo-4H-thieno[3,2-c]thiochromen-2-yl)-[4-(4-methoxyphenyl)piperazin-1-yl]methanone

**Molecular Formula:** C<sub>23</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>

**Molecular Weight:** 454.56 g/mol

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### Section 4: First Aid Measures

**After Inhalation:** If inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration

**After skin contact:** flush with copious amounts of water; remove contaminated clothing and shoes; call a physician

**After eye contact:** check for and remove contact lenses and flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician

**After swallowing:** if swallowed, wash out mouth with copious amounts of water; call a physician

### Section 5: Fire Fighting Measures

**Suitable extinguishing agents:** carbon dioxide, dry chemical powder or foam

**Protective equipment:** wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire hazard:** emits toxic fumes such as carbon monoxide, etc.

### Section 6: Accidental Release Measures

**Person-related safety precautions:** cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves

**Measures for cleaning/collecting:** absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

### Section 7: Handling and Storage

**Information for safe handling:** avoid inhalation and contact with skin, eyes and clothing; material may be an irritant

**Storage:** store solid and solutions at -20°C (long term >3 months to three years)

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## Section 8: Exposure Controls/Personal Protection

**Breathing equipment:** NIOSH/MSHA-approved respirator

**Protection of hands:** chemical-resistant rubber gloves **Eye protection:** chemical safety goggles

## Section 9: Physical and Chemical Properties

### Appearance

Form: Solid  
Colour: Beige

### Safety data

pH: No data available  
Melting point/  
freezing point: No data available  
Boiling point: No data available  
Flashpoint: No data available  
Ignition  
temperature: No data available  
Autoignition  
temperature: No data available  
Lower explosion  
limit: No data available  
Upper explosion  
limit: No data available  
Vapour pressure: No data available  
Density: No data available  
Watersolubility: No data available

## Section 10: Stability and Reactivity

Chemical stability: Stable under recommended storage conditions. Possibility of hazardous reactions: no data available

Conditions to avoid: no data available Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO<sub>x</sub>)

Other decomposition products: no data available

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### Section 11: Toxicological Information

Acute toxicity: no data available

Primary irritant effect: no data available On the skin: no data available

On the eye: no data available; may be an irritant

### Section 12: Ecological Information

no data available

### Section 13: Disposal Considerations

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Dispose of as unused product.

### Section 14: Transport Information

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### Section 15: Regulatory Information

OSHA Hazards: Harmful by ingestion.

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards: Acute Health Hazards

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

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### Section 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Badrilla shall not be held liable for any damage resulting from handling or from contact with the above product.