

Product Number **D001**
Revision Number **RN3.0**

Revision Date 2 December 2021

1. Product and Company Identification

Product Name Dansyl- ϵ -Amino-hexanoyl-Gln-Gln-Ile-Val-OH
CAS Registry Number No data available
Application Fluorescent glutamine donor substrate for tissue Transglutaminase.
Component of TGase-activity assay
Unit Size 25 mg / 100 mg
Manufacturer/Supplier Zedira GmbH Tel. +49(0)6151-66628-0
Rösslerstr. 83 Fax. +49(0)6151-66628-19
64293 Darmstadt
Germany
Emergency Information Tel. +49(0)6151-66628-0

2. Composition / Information on Components

IUPAC N-(Dansyl)-amino-hexanoyl-Glutaminyl-Glutaminyl-Isoleucinyl-Valine
Molecular Formula $C_{39}H_{60}N_8O_{10}S$
Molecular Weight 833.01

3. Hazards Identification

Emergency Overview To our knowledge, the hazards of this material have not been thoroughly investigated.
We are not aware of any toxicity data for this product. We recommend handling all chemicals with caution.

Potential Health Effects

Inhalation No data available
Ingestion No data available
Skin No data available
Eyes No data available
Chronic Exposures No data available
Target Organs No data available

4. First Aid Measures

Potentially harmful. Avoid prolonged or repeated exposure. Wash thoroughly after handling. If eye or skin contact occurs, wash affected area with water for 15 minutes and seek medical advice. If inhaled, move individual to fresh air and seek medical advice. If swallowed wash mouth with water and seek medical advice.

5. Fire Fighting Measures

Use dry chemical powder or appropriate foam extinguisher

Product Number **D001**
Revision Number **RN3.0**

Revision Date 2 December 2021

6. Accidental Release Measures

Use appropriate protective equipment and methods to clean up spilled substances promptly. Absorb spill onto an appropriate material. Collect and dispose of all waste in accordance with applicable laws.

7. Handling and Storage

Store at -20°C, desiccate, protect from light

Delivery is possible at ambient temperature

8. Exposure Controls / Personal Protection

Wear appropriate gloves, protective clothing and eyewear and follow safe laboratory practices

ACGIH/OSHA Permissible Exposure Limit Data: No data available

9. Physical and Chemical Properties

| | |
|------------------|--|
| Form | Pale green crystalline solid |
| Odor | Odourless |
| Solubility | 1 mM in 5 % DMSO / 50 mM Tris-buffer, pH = 7.5 |
| Specific Gravity | No data available |
| pH | No data available |
| Boiling Point | No data available |
| Melting Point | No data available |
| Flash Point | No data available |
| Vapor Pressure | No data available |

10. Stability and Reactivity

| | |
|-------------------------------------|-------------------|
| Thermal Decomposition | No data available |
| Dangerous Reactions | No data available |
| Dangerous Products of Decomposition | No data available |

11. Toxicological Information

| | |
|-------------------|--|
| RTECS Number | No data available |
| Toxicity | We are not aware of any toxicity data for this product |
| Health Hazards | See Potential Hazards below |
| Potential Hazards | To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated |
| Carcinogenicity | No data available |

12. Ecological Information

No data available

Product Number **D001**
Revision Number **RN3.0**

Revision Date 2 December 2021

13. Disposal Considerations

Consult local, state or national regulations for proper disposal

14. Transport Information

| | |
|---------------------------------------|-------------------|
| Hazard Class | No data available |
| Identification Number | No data available |
| Packing Group | No data available |
| Proper Shipping Name (Technical Name) | No data available |

15. Regulations

| | |
|--|-------------------|
| US Toxic Substances Control Act (TSCA) | No data available |
| US Other | No data available |
| EEC EINICS Number | No data available |
| EEC Risk Statements | No data available |
| Other Country Regulations | No data available |

16. Other Information

This material is sold for research purposes only. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Zedira GmbH shall not be held liable for any damage resulting from handling or contact with the above product.