

DAPT SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** DAPT
- **Catalog Number:** S2215
- **CAS Number:** 208255-80-5
- **IUPAC Name:** (S)-tert-butyl 2-((S)-2-(2-(3,5-difluorophenyl)acetamido)propanamido)-2-phenylacetate

Relevant identified uses and uses advised against

- **Identified uses:** For research and development use only; laboratory chemicals; manufacture of substances.
- **Uses advised against:** Not for pharmaceutical, household, or other unapproved uses.

Details of the supplier

- **Company :** Selleck Chemicals
- **TollFree :** +1 877 796-6397
- **Tel :** +1 832 582-8158
- **Fax :** +1 832 582-8590

Emergency telephone number

- **Emergency phone #:** +1 832 582-8158

2. HAZARDS IDENTIFICATION

According to the GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200), this substance is not classified as hazardous. There are no required hazard pictograms, signal words, hazard statements, or precautionary statements. No other hazards are known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a substance. It contains no hazardous ingredients.

4. FIRST AID MEASURES

- **Inhalation:** Move the person to fresh air.
- **Skin Contact:** Immediately remove all contaminated clothing and rinse the skin with water or shower.
- **Eye Contact:** Rinse thoroughly with plenty of water and remove contact lenses.

- **Ingestion:** Have the victim drink a maximum of two glasses of water. Consult a physician if the individual feels unwell.
- **Most Important Symptoms:** The most important known symptoms and effects are described in Section 2 and Section 11.
- **Protection of First-Aiders:** Refer to Section 8 for personal protection.
- **Notes to Physician:** No specific data provided for this section.

5. FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Use water, foam, carbon dioxide (CO₂), or dry powder.
- **Unsuitable Extinguishing Media:** No limitations of extinguishing agents are specified for this substance.
- **Specific Hazards:** The product is combustible. Hazardous combustion gases or vapors, including carbon oxides, nitrogen oxides (NO_x), and hydrogen fluoride, may be released in the event of a fire.
- **Extinguishing Methods:** Use water spray to suppress gases, vapors, or mists. Prevent fire extinguishing water from entering surface or ground water systems.
- **Special Protective Equipment:** Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** For non-emergency personnel, avoid inhalation of powder. Evacuate the danger area and consult an expert. For emergency responders, see Section 8.
- **Environmental Precautions:** Do not allow the product to enter drains.
- **Methods for Containment and Cleanup:** Cover drains. Collect and pump off spills. Take up the powder and dispose of it properly. Clean the affected area and avoid the generation of powder.

7. HANDLING AND STORAGE

- **Handling:** Follow precautions outlined in Section 2.2.
- **Storage Conditions:** Keep the container tightly closed and dry.
- **Storage Class:** 11, Combustible powder.
- **Recommended Storage Temperature:** 2 - 8 °C (36 - 46 °F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Control Parameters:** Contains no substances with occupational exposure limit values.
- **Engineering Measures:** No specific data provided for this section.
- **Personal Protective Equipment:**
 - **Respiratory Protection:** Required when powder is generated. A P1 type filter is recommended according to DIN EN 143 or DIN 14387 standards.
 - **Hand Protection:** Use nitrile rubber gloves (0.11 mm thickness) for both full and splash contact. Gloves must be inspected before use and removed using proper techniques to avoid skin contact.

- **Eye Protection:** Use safety glasses tested and approved under standards such as NIOSH (US) or EN 166 (EU).
- **Hygiene Measures:** Change contaminated clothing and wash hands after handling the substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** powder
- **Color/Odor/Odor Threshold:** N/A
- **pH:** N/A
- **Melting/Boiling Point:** N/A
- **Flash Point:** Not applicable
- **Evaporation Rate:** N/A
- **Flammability (powder, gas):** N/A
- **Explosion Limits:** N/A
- **Vapor Pressure/Density:** N/A
- **Relative Density/Density:** N/A
- **Water Solubility:** N/A
- **Partition Coefficient (n-octanol/water):** N/A
- **Autoignition/Decomposition Temperature:** N/A
- **Viscosity:** N/A
- **Explosive Properties:** N/A
- **Oxidizing Properties:** None
- **Molecular Weight:** 432.46 g/mol

10. STABILITY AND REACTIVITY

- **Reactivity:** Flammable organic substances in fine distribution may present a powder explosion potential when whirled up.
- **Chemical Stability:** The product is chemically stable under standard ambient room temperature conditions.
- **Possibility of Hazardous Reactions:** Violent reactions are possible with strong oxidizing agents and strong acids.
- **Conditions to Avoid:** No information available.
- **Incompatible Materials:** N/A.
- **Hazardous Decomposition Products:** Refer to Section 5 for fire conditions.

11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** N/A for oral, inhalation, or dermal exposure.
- **Skin/Eye Irritation:** N/A.
- **Sensitization:** N/A.

- **Mutagenicity:** N/A.
- **Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, NTP, or OSHA.
- **Reproductive Toxicity:** N/A.
- **STOT - Single/Repeated Exposure:** N/A.
- **Aspiration Hazard:** N/A.
- **Additional Information:** The chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

No specific data is provided regarding ecotoxicity, persistence and degradability, bioaccumulative potential, mobility in soil, or other adverse effects.

13. DISPOSAL CONSIDERATIONS

Waste material must be disposed of in accordance with national and local regulations. Chemicals should be left in their original containers and not mixed with other waste. Uncleaned containers should be handled with the same precautions as the product itself.

14. TRANSPORT INFORMATION

- **IATA-DGR:** Not regulated as a dangerous good.
- **IMDG-Code:** Not regulated as a dangerous good.
- **49 CFR Road:** Not regulated as a dangerous good.
- **Poison Inhalation Hazard:** No.
- **Special Precautions:** Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 : No SARA Hazards

Hazards

SARA 313 : 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.

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

The ingredients of this product are reported in the following inventories:

TSCA : Product contains substance(s) not listed on TSCA inventory.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

16. OTHER INFORMATION

Revision Date: 2026/05/27

Further Information: The information provided is believed to be correct but is not exhaustive and should be used only as a guideline based on current knowledge. It does not represent a guarantee of the properties of the product. Selleck Chemicals Corporation and its Affiliates shall not be held liable for any damage resulting from handling or contact with the product.