

MSDS

Fluorescent Dopamine

Syn: dansyl-5C-dopamine, fluorescent dopamine neurotransmitter ligand.

Part No. DnsylD-1

Manufacturer

Fivephoton Biochemicals
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FOR LABORATORY RESEARCH USE ONLY. Not a drug, not for therapeutics or diagnostics.

General Hazard Statement

Irritant. Avoid skin and eye contact, ingestion and inhalation. Precautionary codes P261, P305, P351, P338

Hazards Identification

GHS Hazard Classification: GHS Physical Hazards:

GHS Health and Environmental Hazards:

GHS Signal Words:

GHS Hazard Statements:

GHS Hazard Symbol/Pictogram:

GHS Precautionary Statements:

Avoid inhalation. Precautionary Code P261
If in eyes, rinse several times with water. Remove contact lenses if present. Precautionary codes P305, P351, P338

Description of any hazards not otherwise classified: N/A

HMIS Classification

Health hazard: 0
Flammability: 0
Physical hazards: 0

NFPA Rating
Health hazard: 0
Fire: 0
Reactivity Hazard: 0

24 HOUR EMERGENCY RESPONSE NUMBER: 800.462.4507

Molecular Weight:

499.6

Composition:

Solid, non reactive

Solubility:

DMSO, Acetonitrile, Not soluble in water

Shipping

Ambient temperature

Storage and Handling Long Term

Lyophilized solid: 4°C or -20°C, desiccate, keep away from light. Solubilized in DMSO: Stable for at least 2 years when aliquoted and stored at -20°C.

Physical Data

Appearance: Off-White crystals
Odor: None
Solubility in Water: Non-Soluble
Solubility: DMSO, Acetonitrile, 50:50 Acetonitrile:dH₂O

Fire and Explosion Hazard Data

Flash Point: None
Autoignition: N/A
Flammable Limits: Upper- n/a
Lower- n/a

Hazardous decomposition productsCO_x, NO_x when burned**Effects of Overexposure:**

Eyes: May cause irritation
Skin: May cause skin irritation.
Inhalation: May cause irritation to the respiratory tract.
Ingestion: Not a hazard with normal laboratory usage.

Emergency and First Aid Procedures:

Skin Contact: Flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Call a physician if irritation persists.

Eye contact: Flush with water for 15 minutes and call a physician if irritation persists.

Inhalation:

Move to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately.

Ingestion:

Call a poison control center or a physician. If victim is conscious, give large amounts of water or milk to dilute. Never induce vomiting or give liquids to someone who is unconscious.

Spill or Leak Procedures:

If a spill occurs: Prior to cleaning up a spill, personnel should wear OSHA approved respirator, chemical resistant gloves and protective clothing. Wipe with a damp towel and place material in a suitable container for disposal. Avoid post-cleanup contact of material or protective gear with the skin or eyes.

Use adequate ventilation during all facets of the cleanup.

Waste disposal method:

Dispose of residue in accordance with federal, state, and local regulations.

Fire Fighting Measures:

Extinguishing media: Water spray or fog.
Alcohol resistant foam. Dry chemical powder.
BCF (where regulations permit). Carbon dioxide.

Special Protective Information**Ventilation:**

Local exhaust recommended.

Protective Gloves:

Chemical Resistant.

Eye Protection:

Safety goggles with side shields.

Other Protective Equipment:

Lab coat or other long sleeved garment to limit skin exposure. Safety shower and eye bath.

Physical Characteristics

Odor: N/A
pH: N/A
Boiling Range: Not available
Flash Point: Not available
Melting Point/Freezing point: Not available
Evaporation Rate: Not available
i) Flammability (solid, gas) N/A
Upper/Lower Flammability or Explosive Limits
N/A
Vapor Pressure: Not available

Regulatory Information

US TSCA (Toxic Substance Control Act): N/A
US CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act): N/A
US SARA Title III (Superfund Amendments and Reauthorization Act): N/A
US Clean Air Act:
Listed under Hazardous Air Pollutants: N/A Listed under Class 1 Ozone Depletors: N/A Listed
under Class 2 Ozone Depletors: N/A
US Clean Water Act:
Listed under "Hazardous Substances": N/A
Listed under "Priority Pollutants": N/A
Listed under "Toxic Pollutants": N/A

US States:

Right-to-Know:

Listed in the following States: N/A

California Proposition 65: NO

European/International Regulations:

EC EINECS (European Inventory of Existing Commercial Chemical Substances) Number: N/A

WGK (Water Danger / Protection): N/A Canada – DSL/NDSL: Not Listed Canada – WHMIS classification: N/A

Canada – Canadian Ingredient Disclosure List: Not Listed

Carcinogenicity: Not available

Disposal

Handle all waste in accordance with local, state and federal regulations.

Transportation

UN Number:

N/A

Transport Hazard Class:

N/A

Packing Group:

N/A

Proper Shipping Name (DOT//IATA)

N/A

Marine Pollutant

N/A

The information in this Material Safety Data Sheet (MSDS) is intended only as a guide to the appropriate precautionary handling of this material by a person trained in, or supervised by a person trained in chemical handling. The user should fully investigate the potential hazards independently; Fivephoton Biochemicals does not assume any responsibility for this MSDS being fully inclusive. The user is responsible for determining the precautions and danger of this chemical material in his application. This material may react with other substances and since potential uses are so varied, Fivephoton Biochemicals, cannot warn of all potential dangers. Therefore, Fivephoton Biochemicals, will not assume responsibility and expressly disclaims liability for loss, damage, or expense arising from the use, handling, storage, or disposal of this product.

Fivephoton Biochemicals urges each user to carefully read the MSDS prior to using the product and become aware to any adverse health effects associated with this product. While the information provided in the MSDS is believed to be correct, the information is provided without any warranty expressed or implied, regarding its corrective uses.