SAFETY DATA SHEET

SDS created: 23-02-2016

1 - Identification of substance and manufacturer

Axon catalogue ID: 2545
Manufacturer's name: Axon Medchem BV
Emergency Telephone number: +31 (0)50 311 8007

Product name: PF 06260933 dihydrochloride
Batch no.: 1
Application: MAPK4 inhibitor

IUPAC name: 5-(4-Chlorophenyl)-3,3'-bipyridine-6,6'-diamine dihydrochloride

2 - Hazards identification

Route of entry: Eye contact, Inhalation, Digestion

Symptoms of Exposure: No data available

GHS Pictogram: May be harmful by inhalation, ingestion or eye and/or skin absorption. May cause irritation to eye, mucous membranes, upper respiratory system, and/or skin. The toxicological properties of this compound have not been fully tested. For research purposes only.

Potential health effects: May be harmful by inhalation, ingestion or eye and/or skin absorption. May cause irritation to eye, mucous membranes, upper respiratory system, and/or skin. The toxicological properties of this compound have not been fully tested. For research purposes only.

Hazardous ingredient: No data available

CAS number: No data available

Concentration: 99.9%

LD-50 of ingredient: No data available

3 - Information on ingredients

369.68 >270 ° C (decomp) N.A.

4 - First Aid Measures

Skin contact: Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.

Eye contact: Rinse with copious amounts of water for at least 15 minutes as a precaution.

Inhalation: Transfer victim to an un-effected area and monitor breathing. If breathing becomes difficult administer oxygen. If breathing stops give artificial respiration.

Ingestion: Rinse mouth out with copious amounts of water, contact a physician.

5 - Fire Fighting Measures

Fire fighting instructions: Use extinguishing media appropriate to the surrounding fire conditions. Wear protective clothing to prevent contact with skin, eyes, and respiratory system.

Flammable: No data available

Flashpoint (° C): No data available

Hazardous combustion products: May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.

6 - Accidental Release Measures

Leak and spill procedures: Wear appropriate protective clothing. Vacuum or sweep up dry material and dispose in an appropriate container as described under Disposal Conditions. Avoid raising dust. Absorb solutions with finely-powdered liquid-binding material. After removal, ventilate and decontaminate surfaces and equipment with alcohol. Dispose of contaminated materials according to section 13.

Storage requirements: Store in a properly sealed container under the storage conditions indicated on the label.

7 - Handling and Storage

Handling procedures and equipment: Store in a properly sealed container under the storage conditions indicated on the label.

Protection of hands/skin: Chemical resistant gloves and lab coat

Protection of eyes: Appropriate safety glasses


8 - Exposure Control / Personal Protection

Exposure limits: No data available

Protection of hands/skin: Chemical resistant gloves and lab coat

Protection of eyes: Appropriate safety glasses


9 - Physical and chemical properties

Batch molecular formula: C16H13ClN4.2HCl

Appearance: Off-white solid

Melting point: >270 ° C (decomp)

Chemical purity: 99.9%

Optical purity (ee): N.A.

Solubility in water (mg/mL): 26.7

10 - Stability and reactivity

Stable under normal handling conditions.

Reactivity: May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.

Conditions and materials to avoid: Protect from light and heat. Avoid strong oxidizing agents.

11 - Toxicological information

Toxicity: Treat as potentially toxic. Runoff from fire control or dilution with water may cause pollution.

Carcinogenicity: No data available

Mutagenicity: No data available

Teratogenicity: No data available

12 - Ecological information

Treat as potentially toxic. Dispose in accordance with local, state, and federal regulations.

13 - Disposal considerations

14 - Transport Information

DOT shipping name: No data available

IATA class: 2942.00.0000

Applicable HS class: Non-hazardous

15 - Regulatory information

Hazardous ingredient: PF 06260933 dihydrochloride

CAS number: NA

16 - Other information

The above information is believed to be accurate and represents the best information currently available to us, but does not purport to be complete. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists. For research use only by trained personnel.

CAUTION: SUBSTANCE NOT FULLY TESTED