Safety Data Sheet
SDS created: 22-05-2017

1 - Identification of substance and manufacturer
Axon catalogue ID: 2636
Product name: YJC-10592
IUPAC name: (R)-N-(2-(1-(2-(4-(2-Chlorobenzoyl)piperazin-1-yl(ethyl)pyrrolidin-3-ylamo ino)-2-oxoethyl)-3-(trifluoromethyl)benzamide

Manufacturer's name: Axon Medchem BV
Address: Biotech Center UMCG, Hanzeplein 1
Postal Code: 9713 GZ Groningen
City: Groningen
Province: The Netherlands
Website: http://www.axonmedchem.com

2 - Hazards identification
Route of entry: Skin, eyes, and respiratory system.

Symptoms of Exposure: 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.

GHS Pictogram: According to section 13.

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.

3 - Information on ingredients
CAS number: 1226894-87-6
Concentration: 98.0%
LD-50 of ingredient: No data available

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.

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
Handling procedures and equipment: 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 in accordance with local, state, and federal regulations.

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

7 - Handling and Storage
Handling procedures and equipment: 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 in accordance with local, state, and federal regulations.

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

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: C27H31ClF3N5O3.0.5H2O
Appearance: Light-brown solid
Bulk density: 65 °C (decomp)
Chemical purity: 98.0%
Optical purity (ee): N.A.
Solubility in water (mg/mL): 0.0

10 - Stability and reactivity
Stability: 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:
Carcinogenicity: No data available
Mutagenicity: No data available
Teratogenicity: No data available

12 - Ecological information
Treat as potentially toxic. Runoff from fire control or dilution with water may cause pollution.

13 - Disposal considerations
Treat as potentially toxic. Dispose in accordance with local, state, and federal regulations.

14 - Transport Information
US DOT shipping name: YJC-10592
US EPA SARA Title III: Sec.302 (EHS) - No
US EPA CAA, CWA, TSCA: EPA CAA - No
US EPA CWA NPDES - No
EPA CWA - No
EPA TSCA - No
CA PROP 65 - No

15 - Regulatory Information
Hazardous ingredient: YJC-10592
CAS number: 1226894-87-6

European risk and safety phrases:
R48: Danger of serious damage to health by prolonged exposure.
S22: Do not breathe dust.
S24/S25: Avoid any inhalation, contact with skin and eyes.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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