Safety Data Sheet

SDS created: *14-01-2020*

1 - Identification of substance and manufacturer

Axon catalogue ID
2362

CAS number
169939-93-9

Manufacturer's name
Axon Medchem BV

Emergency Telephone number
+31 (0)50 311 8007

Product name
LY 333531 hydrochloride

Batch no.
1

Street address
Biotech Center UMCG, Hanzeplein 1

Manufacturer's fax number
+31 (0)50 3600390

IUPAC name
13-((Dimethylamino)methyl)-10,11,14,15-tetrahydro-4,9:16,21-dimetheno-1H,13H-dibenzo(e,k)pyrrolo(3,4-h)(1,4,13) oxadiazacyclohexadecene-1,3(2H)-dione hydrochloride

Application
PKCβ specific inhibitor

Postal Code
9713 GZ

City
Groningen

Province
Groningen

Country of origin
The Netherlands

Manufacturer's email address
info@axonmedchem.com

Manufacturer's website
http://www.axonmedchem.com

2 - Hazards identification

Route of entry
Eye contact, Inhalation, Digestion

GHS Pictogram

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.

Symptoms of Exposure
No data available

3 - Information on ingredients

Hazardous ingredient	*CAS number*	*Concentration*	*LD-50 of ingredient*
LY 333531	169939-93-9	99.3%	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.

Flamable
No data available

Flashpoint (°C)
No data available

Hazardous combustion products
May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO_2), 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.

7 - Handling and Storage

Handling procedures and equipment
Avoid inhalation, contact with eyes, skin and clothing. Wear appropriate protective clothing. Avoid repeated and/or prolonged exposure. Use in a chemical fume hood, with an independent air supply.

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

Protection of respiratory system
Handle in fume hood. Prevent inhalation

9 - Physical and chemical properties

Batch molecular formula
$C_{28}H_{28}N_4O_3.HCl.2H_2O$

Appearance
Red solid

Chemical purity
99.3%

Solubility in water (mg/mL)
0.0

Batch MW
541.04

Melting point
325 °C (decomp)

Optical purity (ee)
N.A.

10 - Stability and reactivity

Stability
Stable under normal handling conditions.

Reactivity
May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO_2), 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*	*Mutagenicity*	*Teratogenicity*
No data available	No data available	No data available	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	*IATA class*	*Applicable HS class*	*Transportation (Land/Sea/Air)*
No data available	No data available	2942.00.0000	Non-hazardous

15 - Regulatory Information

Hazardous ingredient	*CAS number*
LY 333531	169939-93-9

European risk and saftey 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/S37/S39 - 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.

US EPA SARA Title III
Sec.302 (EHS) - No
Sec.302 (EHS) - No
Sec.313 (TRI) - No
Sec.110 - No

US EPA CAA, CWA, TSCA
EPA CAA - No
EPA CWA NPDES - No
EPA TSCA - No
CA PROP 65 - No

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