Tribioscience

Safety Data Sheet
Lopinavir

Section 1: Identification

Product name:	Lopinavir
Product number:	TBI5063
Identified uses:	Laboratory chemicals. For research use only.
Company:	Tribioscience, Inc 365 San Aleso Ave Sunnyvale, CA 94085
Phone:	408-498-0197
Email:	order@tribioscience.com

Section 2: Hazard(s) Identification

Hazard Classification:	Not a hazardous substance or mixture.
Signal Word:	Not a hazardous substance or mixture.
Hazard Statements:	Not a hazardous substance or mixture.
Pictogram:	Not a hazardous substance or mixture.
Precautionary Statements:	Not a hazardous substance or mixture.
Description of other hazards:	Not a hazardous substance or mixture.

Section 3: Composition/ Information on Ingredients

Chemical Name:	Lopinavir
CAS:	192725-17-0
Formula:	$C_{37}H_{48}N_4O_5$
Molecular Weight:	628.8

Section 4: First-Aid Measures

Skin contact:	Wash off with plenty of water. Remove contaminated clothing.
Eye contact:	Flush eyes with running water for at least 15 minutes. Consult physician if necessary.
Inhalation:	Remove to fresh air. Consult a physician if necessary.
Ingestion:	Wash out mouth with water. Consult a physician if necessary

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Unsuitable extinguishing agents:	No data available.
Specific hazards arising from chemical:	No data available
Special protective equipment for firefighters:	Standard personal protective equipment for chemical fires, respirator

Section 6: Accidental Release Measures

Personal precautions:	Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin.

	Avoid breathing dust, vapors, mist, or gas.
Measures for environmental protection:	Prevent leakage or spills from the drains.
Measures for cleaning/collecting:	Clean with inert absorbent material. Dispose in a suitable container.

Section 7: Handling and Storage

Handling:	Use personal protective equipment. No special handling requirement.
Storage:	Protect from light. Store at -20°C. Keep container tightly sealed and properly labeled.
Specific end uses:	Use in a laboratory fume hood where possible. Refer to employer's COSHH risk assessment.

Section 8: Exposure Controls/Personal Protection

Exposure controls:	Substances are not required for occupational exposure limit values.
Engineering controls:	Use a fume hood where applicable. Ensure proper ventilation.
General protective:	Use appropriate chemical resistant gloves. Wear suitable protective clothing to prevent skin exposure.
Respiratory protection:	If risk assessment indicates necessary, use a suitable respirator.
Eye protection:	Use appropriate safety goggles.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice

Section 9: Physical and Chemical Properties

Physical state:	Powder.
Odor:	No data available
Odor threshold:	No data available.

pH:	No data available.
Melting point/freezing point:	No data available.
Boiling point/boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability:	No data available.
Upper/lower flammability or explosive limits:	
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility:	No data available.
Partition coefficient:	No data available.
Auto ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
	No data available.

Section 10: Stability and Reactivity

Reactivity:	No specific test data related to reactivity is available for this product or its ingredients.
Chemical stability:	The product is stable under recommended storage conditions.
Possibility of hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions.
Conditions to avoid:	No data available
Incompatible materials:	No data available
Hazardous decomposition products:	No data available

Section 11: Toxicological Information

Acute toxicity:	No data available
Irritation/ Corrosion:	No data available
Sensitization:	No data available
Mutagenicity:	No data available
Carcinogenic effects:	No data available
Reproductive toxicity:	No data available
Teratogenicity	No data available
Specific target organ toxicity (STOT) - single exposure:	No data available
Specific target organ toxicity (STOT)- repeated exposure:	No data available
Aspiration hazard:	No data available

Section 12: Ecological Information

Ecotoxicity:	No substances known to be hazardous to the environment.
Mobility:	No data available.
Biodegradation:	No data available.
Bioaccumulation:	No data available.
Other adverse effects:	No data available.

Section 13: Disposal Considerations

Waste from residues/unused products:	The generation of waste should be minimized as much as possible. Disposal of this product and solutions should entirely comply with the requirements of all applicable local, regional or national/ federal legislations

Section 14: Transport Information

DOT-US/ IMDG/ IATA	Not regulated by the transportation regulation
UN number:	No data available.
UN shipping name:	No data available.
Hazardous class:	No data available.
Packing group:	No data available.
Transport in bulk:	No data available.
Special precautions:	No data available.
Environmental hazards:	No data available

Section 15: Regulatory Information

SARA Section 311/312:	No SARA hazards
SARA Section 313:	No SARA hazards
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):	Not contain HAPs
TSCA (Toxic Substances Control Act):	No data available.

Other Information

Version:	New
Date of creation	05/15/24

For research use only. Not intended for human or diagnostic or therapeutic uses

The above information is believed to be accurate but shall not to be taken as all inclusive. The information is to be used only as a guide. All materials and mixtures should be treated with unknow hazards and used with caution. Tribioscience, Inc shall not be held liable for any damage resulting from handling or from contact with the above product.