



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Chemical Name meta-Topolin Riboside

Catalogue # T540265

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Uses To be used only for scientific research and development. Not for use in humans or animals.

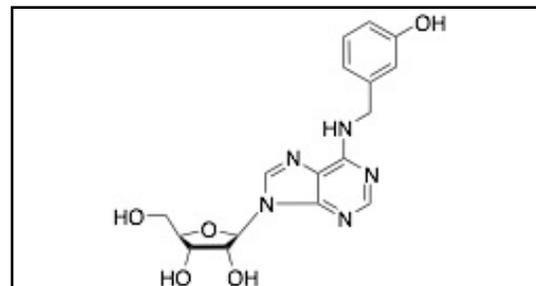
1.3 Details of the Supplier of the Safety Data Sheet

Company Toronto Research Chemicals
2 Brisbane Road
Toronto, ON M3J 2J8
CANADA

Telephone +14166659696

FAX +14166654439

Email orders@trc-canada.com



1.4 Emergency Telephone Number

Emergency# +1(416) 665-9696 between 0800-1700 (GMT-5)

2. HAZARDS IDENTIFICATION

WHMIS Classification (Canada)

WHMIS Symbols (Canada)

2.1/2.2 Classification of the Substance or Mixture and Label Elements

GHS Hazards Classification (According to EU Regulation 1272/2008 and US OSHA 1910.1200)

GHS Hazards Identification (According to EU Regulation 1272/2008 and US OSHA 1910.1200)

Signal Word

GHS Hazard Statements

GHS Precautionary Statements

2.3 Unclassified Hazards/Hazards Not Otherwise Classified

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Molecular Formula: C₁₇H₁₉N₅O₅

Molecular Weight: 373.36

CAS Registry #: 110505-76-5

EC#:

Synonyms

N-[(3-Hydroxyphenyl)methyl]adenosine; Meta-topolin riboside; meta-Topolin-9-riboside; N-(3-Hydroxybenzyl)adenosine; N6-(3-Hydroxybenzyl)adenosine; N6-(m-Hydroxybenzyl)adenosine; N6-(m-Hydroxybenzyl)adenosine; 6-(3-Hydroxybenzylamino)-9-β-D-ribofuranosylpurine

3.2 Mixtures

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

5. FIREFIGHTING MEASURES

5.1 Extinguishing Media

5.2 Special Hazards Arising from the Substance or Mixture

6. ACCIDENTAL RELEASE MEASURES

7. HANDLING AND STORAGE

Storage conditions: No Data Available

7.3 Specific End Uses

For scientific research and development only. Not for use in humans or animals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

8.2 Exposure Controls

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

A) Appearance

No Data Available

C) Odour Threshold

E) Melting Point/Freezing Point

No Data Available

G) Flash point

I) Flammability (Solid/Gas)

K) Vapour Pressure

M) Relative Density

O) Partition Coefficient: n-octanol/water

Q) Decomposition Temperature

S) Explosive Properties

B) Odour

D) pH

F) Initial Boiling Point/Boiling Range

H) Evaporation Rate

J) Upper/Lower Flammability/Explosive Limits

L) Vapour Density

N) Solubility

No Data Available

P) Auto-Ignition Temperature

R) Viscosity

T) Oxidizing Properties

9.2 Other Information

no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical Stability

10.3 Possibility of Hazardous Reactions

10.4 Conditions to Avoid

10.5 Incompatible Materials

10.6 Hazardous Decomposition Products

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

A) Acute Toxicity

B) Skin Corrosion/Irritation

C) Serious Eye Damage/Irritation

D) Respiratory or Skin Sensitization

E) Germ Cell Mutagenicity

F) Carcinogenicity

G) Reproductive Toxicity/Teratogenicity

H) Single Target Organ Toxicity - Single Exposure

I) Single Target Organ Toxicity - Repeated Exposure

J) Aspiration Hazard

K) Potential Health Effects and Routes of Exposure

Inhalation

Ingestion

Skin

Eyes

L) Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties of this material have not been thoroughly investigated.

M) Additional Information

RTECS:

12. ECOLOGICAL INFORMATION

12.1 Toxicity

12.2 Persistence and Degradability

12.3 Bioaccumulative Potential

12.4 Mobility in Soil

12.5 Results of PBT and vPvB Assessment

12.6 Other Adverse Effects

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

A) Product

Product may be burned in an incinerator equipped with afterburner and scrubber. Excess and expired materials are to be offered to a licensed hazardous material disposal company. Ensure that all Federal and Local regulations regarding the disposal and destruction of this material are followed.

B) Contaminated Packaging

Dispose of as above.

C) Other Considerations

Product is not to be disposed of in sanitary sewers, storm sewers, or landfills.

14. TRANSPORT INFORMATION

14.1 UN Number

DOT (US):

IATA:

IMDG:

ADR/RID:

14.2 UN Proper Shipping Name

DOT (US)/IATA:

IMDG/ARD/RID:

14.3 Transport Hazard Class(es)

DOT (US):

IATA:

IMDG:

ADR/RID:

14.4 Packing Group

DOT (US):

IATA:

IMDG:

ADR/RID:

14.5 Environmental Hazards

DOT (US):

IATA:

IMDG:

ADR/RID:

14.6 Special Precautions for User

None

15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of WHMIS (Canada), OSHA 1910.1200 (US), and EU Regulation EC No. 1907/2006 (European Union).

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

A) Canada

DSL/NDSL Status: _____

B) United States

TSCA Status: _____

C) European Union

ECHA Status: _____

15.2 Chemical Safety Assessment

No data available

16. OTHER INFORMATION

16.1 Revision History

Original Publication Date: 10/18/2018

16.2 List of Abbreviations

LD50	Median lethal dose of a substance required to kill 50% of a test population.
LC50	Medial lethal concentration of a substance required to kill 50% of a test population.
LDLo	Lowest known lethal dose
TDLo	Lowest known toxic dose
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances

16.3 Further Information

Copyright 2015. Toronto Research Chemicals Inc. Copies may be made for internal use only. The above information is believed to be correct to the best of our knowledge, but is to be only used as a guide. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Please take all due care when handling this product.