

Material Safety Data Sheet

according to ANSI Z400.1-2004

5-Trimethylstannyl-2'-deoxyuridine

Print date: 18.04.2012

Product code: 2948

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

5-Trimethylstannyl-2'-deoxyuridine

Further trade names

Uridine, 2'-deoxy-5-(trimethylstannyl)-

Synonyms:1-(4-Hydroxy-5-hydroxymethyl-tetrahydro-furan-2-yl)-5-trimethylstannanyl-1H-pyrimidine-2,4-dione; 1-(2-Deoxy- β -D-ribofuranosyl)-5-trimethylstannyl-uracil; 2'-Deoxy-5-trimethylstannyl-uridine**Chemical characterization (substance)**

Uridine, 2'-deoxy-5-(trimethylstannyl)-

CAS No.: 146629-34-7

Details of the supplier of the safety data sheet

Company name:	ABX advanced biochemical compounds	
	Biomedizinische Forschungsreagenzien GmbH	
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Place:	D-01454 Radeberg	
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 65
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Emergency telephone: +49 3528 4041 60**SECTION 2: Hazards identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP): Toxicological data are not available.

Carcinogenicity (IARC): Toxicological data are not available.

Carcinogenicity (OSHA): Toxicological data are not available.

Other hazards

Warning - substance not yet tested completely.

SECTION 3: Composition/information on ingredients**Substances**Sum formula: C₁₂H₂₀N₂O₅Sn

Molecular weight: 391.01

SECTION 4: First aid measures**Description of first aid measures**

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After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

If swallowed, immediately drink: Water.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**Extinguishing materials should be selected according to the surrounding area. Suitable extinguishing media: Foam. Extinguishing powder. Carbon dioxide (CO₂). Atomized water.**Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

Additional information

Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

SECTION 6: Accidental release measures**Environmental precautions**

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal. Avoid generation of dust.

SECTION 7: Handling and storage**Precautions for safe handling****Advice on safe handling**

Do not breathe dust.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

Further information on storage conditions

Recommended storage temperature:

of °C: -25

up to °C: -15

Store under (Gas): argon. Nitrogen.

Protect against: Light.

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure controls****Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not

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eat or drink.

Respiratory protection

Work in well ventilated zones or use proper respiratory protection.

Hand protection

Single-use gloves. NBR (Nitrile rubber).

Eye protection

Tightly sealed safety glasses.

Skin protection

Lab apron. Chemical resistant safety shoes.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Form: solid
Color: off-white

Test method**Changes in the physical state**

Melting point: 70 - 73 °C
Water solubility: insoluble
Solubility in other solvents: dimethylsulphoxide (DMSO). Dimethylformamide Methanol.

SECTION 10: Stability and reactivity

Stability: Stable
Possibility of Hazardous Reactions: Will not occur

Conditions to avoid

Light.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx). Toxic metal oxide smoke.

SECTION 11: Toxicological information**Information on toxicological effects****Additional information on tests**

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

Further information

Toxicological data are not available.

SECTION 12: Ecological information**Further information**

Do not empty into drains or the aquatic environment. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**Waste treatment methods**

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Advice on disposal

Do not empty into drains or the aquatic environment.

Contaminated packaging

Cleaned containers may be recycled.

SECTION 14: Transport information**US DOT 49 CFR 172.101****Proper shipping name**

Not a hazardous material with respect to transportation regulations.

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**U.S. Regulations****SECTION 16: Other information****Hazardous Materials Information Label (HMIS)**

Health:	1
Flammability:	1
Physical Hazard:	0
Personal Protection:	C

NFPA Hazard Ratings

Health:	1
Flammability:	1
Reactivity:	0
Unique Hazard:	

