

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**Boc-FLT-Precursor**

Print date: 05.01.2012

Product code: 1240

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

**Product identifier**

Boc-FLT-Precursor

**Further trade names**

(2H)-Pyrimidinecarboxylic acid, 3-[2-deoxy-3-O-[(4-nitrophenyl)sulfonyl]-5-O-(triphenylmethyl)-beta-D-threo-pentofuranosyl]-3,6-dihydro-5-methyl-2,6-dioxo-, 1,1-dimethylethyl ester

Synonyms: 3-N-Boc-1-[5-O-(4,4'-dimethoxytrityl)

-3-O-nitrophenylsulfonyl-2-deoxy-beta-D-lyxofuranosyl]thymidine; Boc-FLT-Precursor

**Chemical characterization ( substance )**

(2H)-Pyrimidinecarboxylic acid, 3-[2-deoxy-3-O-[(4-nitrophenyl)sulfonyl]-5-O-(triphenylmethyl)-beta-D-threo-pentofuranosyl]-3,6-dihydro-5-methyl-2,6-dioxo-, 1,1-dimethylethyl ester

CAS No.: 444717-23-1

**Details of the supplier of the safety data sheet**

Company name: ABX advanced biochemical compounds  
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**SECTION 2: Hazards identification**

**Route(s) of Entry**

**Signs and Symptoms of Exposure**

Carcinogenicity (NTP):  
 Carcinogenicity (IARC):  
 Carcinogenicity (OSHA):

**SECTION 3: Composition/information on ingredients**

**Substances**

Sum formula: C42H43N3O13S  
 Molecular weight: 829.87

**Hazardous components**

CAS No.	Components	Quantity
444717-23-1	3-N-Boc-5'-O-dimethoxytrityl-3'-O-nosyl-thymidine	95 - 100 %

**SECTION 4: First aid measures**

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Description of first aid measures**SECTION 5: Firefighting measures**Extinguishing media**SECTION 6: Accidental release measures****SECTION 7: Handling and storage**Precautions for safe handlingConditions for safe storage, including any incompatibilities

Further information on storage conditions

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**SECTION 8: Exposure controls/personal protection**Control parametersExposure controls**SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties

Form:

Color:

**Test method****Changes in the physical state**

Melting point:

105 - 120 °C

Solubility in other solvents:

, ,

**SECTION 10: Stability and reactivity**

Stability:

Possibility of Hazardous Reactions:

**SECTION 11: Toxicological information**Information on toxicological effects**SECTION 12: Ecological information****SECTION 13: Disposal considerations**Waste treatment methods**SECTION 14: Transport information****SECTION 15: Regulatory information**

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**U.S. Regulations****SECTION 16: Other information**