

SU0159 Dimethyl sulfoxide, molecular biology grade



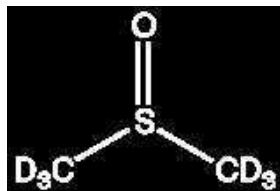
assay (G.C.) min. 99,8 %
identity (IR-spectrum) passes test
density (20°4') 1,099 - 1,101

residue on evaporation max. 0,001 %
water (K.F.) max. 0,1 %
DNases, RNases, Proteases non detected

ART. NO.	VOLUME	CONTAINER
SU01590250	250 ml	0

DIMETHYL SULFOXIDE-D6

SU0161 Dimethyl sulfoxide-d6, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®



- Synonyms: Methylsulfoxide deuterated, DMSO deuterated, Hexadeuterodimethyl sulfoxide
- C₂D₆OS
- M = 84,17 g/mol
- CAS [2206-27-1]
- EINECS-No.: 218-617-0
- Density: 1,19 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 20,2 °C
- Boiling point: 190 °C
- Flash pt. 88 °C
- Ignition temp.: 270 °C
- Vapour pressure: (20 °C) 2,5 hPa
- Refraction index: (20 °C) 1,48
- LD 50 (oral, rat): 17500 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313
- Tariff number: 2845 90 10 00
- Applications: for nuclear magnetic resonance spectroscopy.

deuteration degree min. 99,8 %
water (K.F., H₂O + D₂O) max. 0,03 %
performance test (NMR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
SU01610010	10 ml	0
SU0161.750	10x0,75ml	0

DIMETHYL TEREPHTHALATE

TE0080 Dimethyl terephthalate, EssentQ®



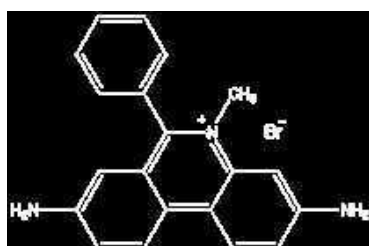
- Synonyms: DMT, Terephthalic acid dimethyl ester, Dimethyl-1,4-benzenedicarboxylate
- C₁₀H₁₀O₄
- M = 194,19 g/mol
- CAS [120-61-6]
- EINECS-No.: 204-411-8
- Solub. in water: (20 °C): 0,036 g/l
- Melting point: 139 - 141 °C
- Boiling point: 282 °C
- Flash pt. 141 °C
- Ignition temp.: 520 °C
- Vapour pressure: (20 °C) < 1 hPa
- LD 50 (oral, rat): 14400 mg/kg
- Tariff number: 2917 37 00 00
- Applications: synthesis of organic products (herbicide), analytical chemistry, manufacture of adhesives, painting, manufacturing of inks, in the textile industry, manufacturing of synthetic resins.
- Appearance: White crystals

assay (G.C.) min. 99 %
identity (IR-spectrum) passes test

ART. NO.	VOLUME	CONTAINER
TE00801000	1 kg	0

DIMIDIUM BROMIDE

DI1115 Dimidium bromide, for determination of tensioactives



- Synonyms: 3,8-Diamino-5-methyl-6-phenylphenanthridinium bromide
- C₂₀H₁₈BrN₃
- M = 380,30 g/mol
- CAS [518-67-2]
- EINECS-No.: 208-256-7
- Solub. in water: (20 °C): soluble
- Melting point: 242 °C
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2933 99 90 90
- Applications: analytical chemistry, for determination of: tensioactive substances.

assay (titration with HClO₄) min. 98 %
Absorptivity (A1%/1 cm; λ max; methanol) 155 - 175
Absorption maximum (in methanol) 523 - 520 nm
loss on drying (110 °C) max. 5 %

ART. NO.	VOLUME	CONTAINER
DI11150001	1 g	0
DI11150005	5 g	0