

Specification Sheet

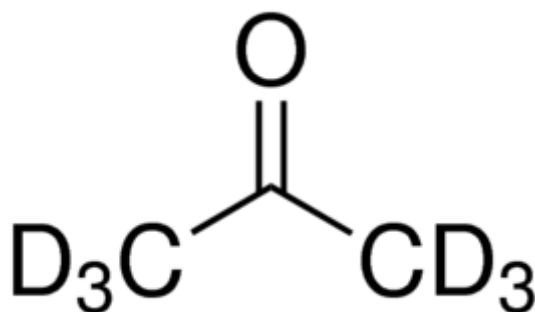
540331 Sigma-Aldrich

Acetone-d₆

99.9 atom % D

Synonym: Hexadeuteroacetone

- CAS Number [666-52-4](#)
- Linear Formula CD₃COCD₃
- Molecular Weight 64.12
- Beilstein/REAXYS Number 1702935
- EC Number [211-563-9](#)
- MDL number [MFCD00044635](#)
- PubChem Substance ID [24878459](#)



SKU-Pack Size	Availability	Pack Size	Price (SGD)	Quantity
540331-10ML	Estimated to ship on 04.05.2021 - FROM	10 mL		<input type="text" value="0"/>

Properties

Related Categories [Acetone](#), [Acetone-d₆](#), [NMR Solvents](#), [Solvent by Type](#), [Solvent by Application](#),

vapor density 2 (vs air)

vapor pressure 14.39 psi (55 °C)

184 mmHg (20 °C)



3.67 psi (20 °C)

isotopic purity	99.9 atom % D
assay	99% (CP)
form	liquid
expl. lim.	13.2 %
impurities	≤0.0500% water water
refractive index	<i>n</i> _{20/D} 1.355 (lit.)
bp	55.5 °C (lit.)
mp	−93.8 °C (lit.)
density	0.872 g/mL at 25 °C (lit.)
mass shift	M+6
storage temp.	room temp
SMILES string	<chem>[2H]C([2H])([2H])C(=O)C([2H])([2H])[2H]</chem>
InChI	1S/C3H6O/c1-3(2)4/h1-2H3/i1D3,2D3
InChI key	CSCPPACGZOO CGX-WFGJKAKNSA-N

