

# Thorium, tetrakis(2,4-pentanedionato-O,O')-, (SA-8-11''11''1'1''1'1'')-

<b>Other names:</b>	Thorium, tetrakis(2,4-pentanedionato)- Tetrakis(acetylacetonato)thorium Tetrakis(2,4-pentanedionato)thorium Tetrakis(3,4-pentanedionato)thorium Thorium acetylacetonate Thorium tetrakis(acetylacetonate) Thorium, tetrakis(2,4-pentanedionato-O,O')- Tetrakis(acetylacetonato)thorium(IV) Thorium, tetrakis(pentan-2,4-dionato)- tetrakis(pentane-2,4-dionato)thorium
<b>Inchi:</b>	InChI=1S/4C5H8O2.Th/c4*1-4(6)3-5(2)7;/h4*3,6H,1-2H3;/q;;;;+4/p-4/b4*4-3-;
<b>InchiKey:</b>	QIKPSCXIBWMTCH-MTOQALJVSA-J
<b>Formula:</b>	C20H28O8Th
<b>SMILES:</b>	CC(=O)C=C(C)[O-].CC(=O)C=C(C)[O-].CC(=O)C=C(C)[O-].CC(=O)C=C(C)[O-].[Th]
<b>Mol. weight [g/mol]:</b>	628.47
<b>CAS:</b>	17499-48-8

## Physical Properties

Property code	Value	Unit	Source
ie	6.90	eV	NIST Webbook
ie	7.85	eV	NIST Webbook
ie	7.85	eV	NIST Webbook

## Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C17499488&Units=SI>

## Legend

ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/87-446-1/Thorium-tetrakis-2-4-pentanedionato-O-O-SA-8-11111111.pdf>

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