

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Tris(ethylmethylamido)(tert-butylimido)tantalum(V) - electronic grade, ≥95% (CP), ≥99.99% trace metals basis

Product Number:

J100043

CAS Number:

511292-99-2

MDL:

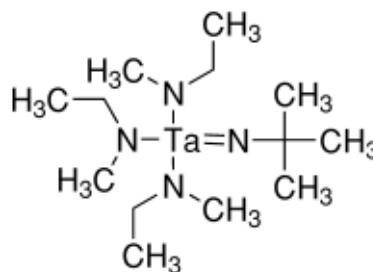
MFCD05663776

Formula:

C₁₃H₃₃N₄Ta

Formula Weight:

426.38 g/mol



TEST

Specification

Appearance (Color)

Colorless to Yellow

Appearance (Form)

Liquid

HNMR

Conforms to Structure

Proton NMR

≥ 95.0 %

Chloride by Ion Chromatography

≤ 100 ppm

Trace Metal Analysis

≤ 100 ppm

Sum of trace metallic impurities.

Purity based on trace metals analysis.

Aluminum

Antimony

Arsenic

Barium

Beryllium

Bismuth

Boron

Cadmium

Calcium

Cerium

Chromium

Cobalt

Copper (Cu)

Dysprosium

Erbium

Europium

Gadolinium

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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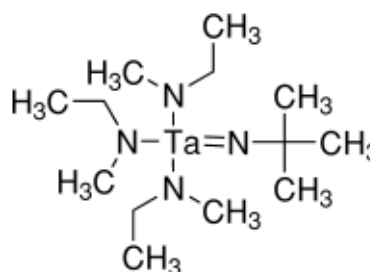
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Specification

Gallium
Germanium
Gold
Hafnium
Holmium
Indium
Iridium
Iron
Lanthanum
Lead
Lithium
Lutetium
Magnesium
Manganese
Mercury
Molybdenum
Neodymium
Nickel
Niobium
Osmium
Palladium
Platinum
Potassium
Praseodymium
Rhenium
Rhodium

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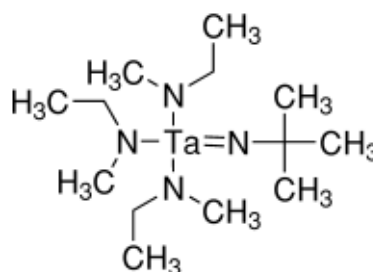
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Specification

Ruthenium
Samarium
Silver
Sodium
Strontium
Tellurium
Terbium
Thallium
Thorium
Thulium
Tin
Titanium
Tungsten
Uranium
Vanadium
Ytterbium
Yttrium
Zinc
Zirconium

Specification: PRD.2.ZQ5.10000004580

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