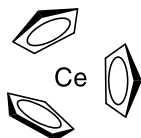


Catalog # 58-7500 Tris(cyclopentadienyl)cerium(III) (99.9%-Ce) (REO)



Thermal Behavior:

- Sublimation at 210-235°C/1 mTorr [1, 2]
- Melting point 435°C [1, 2]

Technical Notes:

1. MOCVD, ALD precursor for preparation of cerium containing thin films

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
SrS-Ce ₂ S ₃	ALD	180°C	240 mTorr	Sr(tmhd) ₂ , H ₂ S	380°C	3

References:

1. [J. Am. Chem. Soc. 1956, 78, 42.](#)
2. [Polyhedron 1983, 2, 969.](#)
3. [J. Electrochem. Soc., 2001, 148, C427.](#)