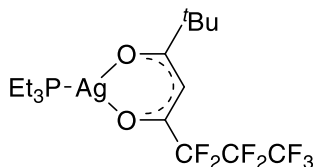


Catalog # 47-3025 Triethylphosphine(6,6,7,7,8,8,8-heptafluoro-2,2-dimethyl-3,5-octanedionate)silver(I), min. 98%



Thermal Behavior:

- Melting point: 26-28°C [1]
- Sublimation at 80 °C/10⁻³ Torr [1]
Ag(fod)(PEt3) undergoes almost quantitative sublimation between 140-280°C [1] at AP and under N₂
- TGA diagram and data are available in [1, 4]

Technical Notes:

1. ALD/CVD precursor for silver thin film deposition

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
Ag	CVD	80°C	<3.75 Torr	H ₂	220-350°C	2-3
	PEALD	106-110°C	3.75-6 Torr	^{PL} H ₂	120-150°C	4-5
	ALD	95°C	3.75 Torr	BH ₃ (NHMe ₂)	104-130°C	6
	PEALD	95°C	3.75 Torr	^{PL} NH ₃	130°C	7
	PEALD	100°C	2.25 Torr	^{PL} H ₂	130-160°C	8

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