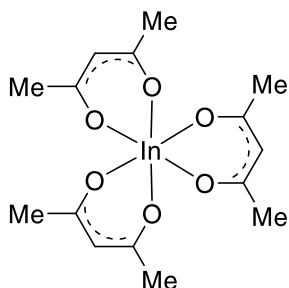


Catalog # 49-4901 Indium(III) acetylacetonate (99.99+% -In) PURATREM



Thermal Behavior:

- Melting point 180-185°C
- boiling point 260-280°C subl

Technical Notes:

1. Precursor used for thin indium film deposition.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
In ₂ O ₃	ALD	146°C	1.5 Torr	H ₂ O or O ₃	165-200°C	1
In ₂ S ₃	ALD	130°C	-	H ₂ S	150-160°C	2-4
	ALD	80°C	-	H ₂ S	130-170°C	5
InO _x S _y	PE-ALD	200°C	0.75-4 Torr	H ₂ S, ^{pl} O ₂	160°C	6-7
CuInS ₂	ALD	120°C	0.75-4 Torr	Cu(acac) ₂ , H ₂ S	150-200°C	8-9

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