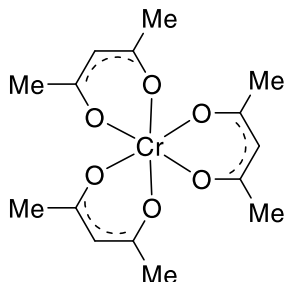


Catalog # 24-0160 Chromium(III) acetylacetonate, 97.5%



Thermal Behavior:

- Melting point: 214°C
- Sublimation: 100°/0.2 Torr
- TGA data and vapor pressure calculation are available in [1, 2]

Technical Notes:

1. Precursor used for thin chromium film deposition.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
CrO _x	ALD	190°C	-	O ₂	200°C	3
	CVD	240°C	-	-	550°C	4
	ALD	100°C	1 Torr	O ₃	300°C	5
	ALD	170°C	AP	O ₂	170-270°C	6
CuCrO ₂	CVD	145°C	2 Torr	Cu(acac) ₂ , O ₂	550°C	7
	ALD	130°C	1.5-2.25 Torr	Cu(thd) ₂ , O ₃	200-270°C	8
	AA-CVD	EtOH sol	AP	Cu(acac) ₂ , O ₂	350°C	9

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7. [Chem. Vap. Deposition. **2003**, *9*, 238.](#)
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9. [Mater. Adv. **2021**, *2*, 4721.](#)