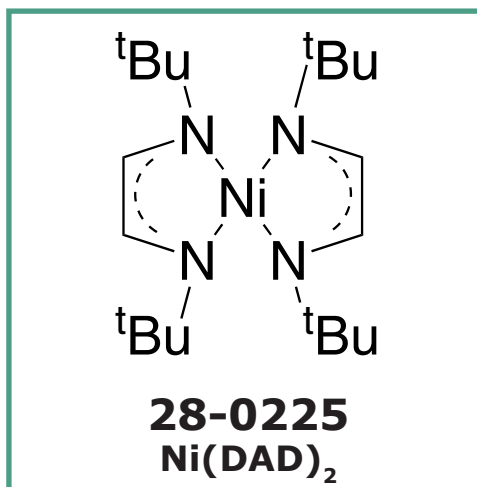
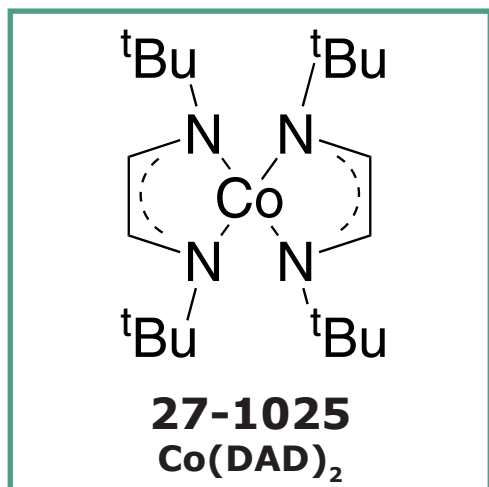


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27-1025	Bis(1,4-di-t-butyl-1,3-diazabutadienyl)cobalt(II) Co(DAD)₂ min. 98% (99.999%-Co) PURATREM	250mg
	CAS# 177099-51-3	1g
	C ₂₀ H ₄₀ CoN ₄ ; FW: 395.49; dark green-blue xtl.	5g

Technical Notes:

- Used for the vapor deposition (ALD and CVD) of cobalt-containing films.
- The atomic layer deposition of cobalt metal films is described using Co(DAD)₂ and formic acid as precursors.

References:

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- Winter, Charles H.; Knisley, Thomas J., U.S. Pat. Appl. Publ. **2016**, US 20160152650 A1 20160602
- Klesko, Joseph P.; Kerrigan, Marissa M.; Winter, Charles H. *Chem. Mater.*, **2016**, *28*, 700-703.
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28-0225	Bis(1,4-di-t-butyl-1,3-diazabutadienyl)nickel(II) Ni(DAD)₂ min. 98% (99.999%-Ni) PURATREM	250mg
	C ₂₀ H ₄₀ N ₄ Ni; FW: 395.25; red green xtl.	1g
		5g

Technical Notes:

- Used for the vapor deposition (ALD and CVD) of nickel-containing films.
- The atomic layer deposition of nickel metal films is described using Ni(DAD)₂ and formic acid as precursors.
- Precursors for CVD and ALD processes for obtaining nickel, nickel silicide or nickel nitride thin films.

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