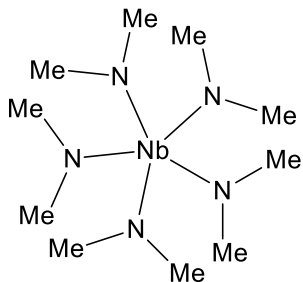


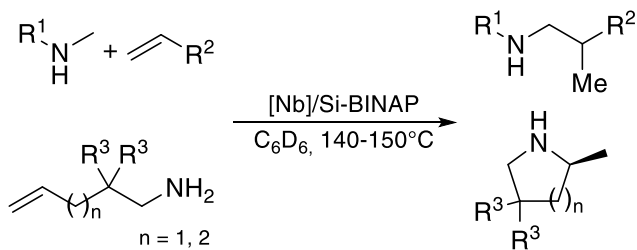
Catalog # 41-5300 Pentakis(dimethylamino)niobium(V), 99%



Catalysis Applications

Technical Notes:

- Used in catalytic asymmetric hydroaminoalkylation and hydroamination/cyclization.



Tech Note (1)
Ref. (1)

References:

- [Organometallics 2011, 30, 921.](#)

CVD/ALD Applications

Thermal Behavior:

- Sublimation: 100°C/0.1 Torr [1]

Technical Notes:

- CVD precursor for Nb containing film deposition.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
NbS _x	AA-CVD	Hexane or DCM solution	-	^t BuSH	250-350°C	2

References:

- [Can. J. Chem. 1962, 40, 449.](#)
- [Eur. J. Inorg. Chem. 2005, 4179.](#)