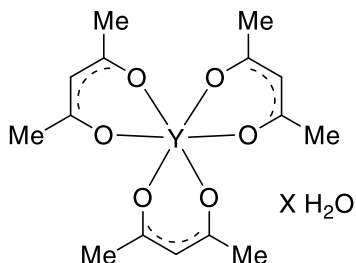


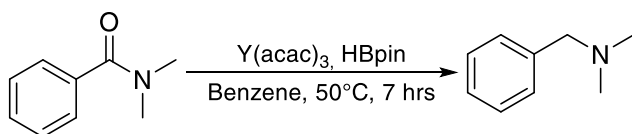
Catalog # 93-3901 Yttrium(III) acetylacetonate hydrate (99.9%-Y) (REO)



Catalysis Applications

Technical Notes:

- Used for the catalytic hydroboration of carboxamides and esters



Tech Note (1)
Ref. (1)

References:

- [Nat. Catal. 2020, 3, 154.](#)

CVD/ALD Applications

Thermal Behavior:

- Dehydration: ~100°C [1]
- Decomposition at ~420°C [1]
- TGA diagram and data are available in [1]

Technical Notes:

- Precursor and dopant used for thin yttrium film deposition.

Target Deposit	Deposition Technique	Delivery Temperature	Pressure	Co-reactants	Deposition Temperature	Ref.
Y ₂ O ₃	CVD	MeOH solution	AP	H ₂ O, O ₂	400°C	1

References:

- [Phys. Status Solidi B, 2021, 258, 2100105.](#)