

## MS35-P37 | STRUCTURALLY DIVERSE MANGANESE(III) - SALPN COMPLEXES WITH BRIDGING FORMATE LIGAND

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A series of formate-bridged manganese(III) complexes derived from Schiff based obtained by the condensation of 5-bromo-salicylaldehyde, 5-chloro-salicylaldehyde, 3,5-dibromo-salicylaldehyde or 3,5-dichloro-salicylaldehyde and 1,3-diaminepropane have been synthesized and characterized using single-crystal X-ray crystallography in the cases of  $[\text{Mn}(5\text{-Brsalpn})(\text{HCO}_2)]_n$  (1),  $[\text{Mn}(5\text{-Clisalpn})(\text{HCO}_2)]_n$  (2),  $[\text{Mn}(3,5\text{-Br}_2\text{salpn})(\text{HCO}_2)]_n$  (3),  $[\text{Mn}(3,5\text{-Cl}_2\text{salpn})(\text{HCO}_2)]_n$  (4) and  $[\text{Mn}(3,5\text{-Br}_2\text{salpn})(\text{HCO}_2)(\text{MeOH})].2\text{MeOH}$  (5).