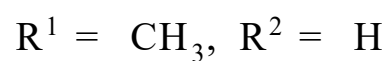
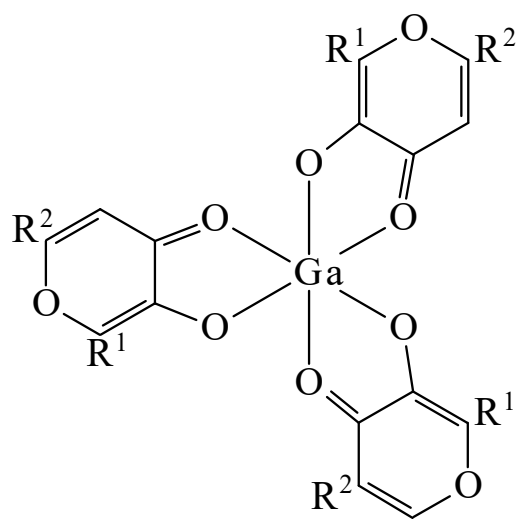




>>Entry Name: Tris(3-hydroxy-2-methyl-4*H*-pyran-4-onato-*O*³,*O*⁴)gallium(*III*), 12Cl

Synonym(s): Tris(maltolato)gallium(*III*)



CAS Registry Number: 108560-70-9

Molecular Formula: C₁₈H₁₅GaO₉

Molecular Weight: 445.034

Accurate Mass: 443.99719

Percentage Composition: C 48.58%; H 3.40%; Ga 15.67%; O 32.36%

Source/Synthesis: Synth. from 3-hydroxy-2-methyl-4*H*-pyran-4-one and aq. GaCl₃

Use/Importance: Investigated as agent for therapeutic uptake of ⁶⁷Ga

Physical Description: White needles (MeOH/Et₂O)

Melting Point: Mp 220 dec.°

Solubility: Spar. sol. H₂O; sol. alcohols

Other Data: Several related compds. also reported

References:

Finnegan, M.M. *et al.*, *Inorg. Chem.*, 1987, **26**, 2171, (*synth, uv, pmr, Al-27 nmr*)