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>>Entry Name: Tributyl lithiummagnesium

Synonym(s): Lithium tributylmagnesate(1-)

CAS Registry Number: 20910-20-7

$\text{LiMg}(\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3)_3$

Molecular Formula:  $\text{C}_{12}\text{H}_{27}\text{LiMg}$

Molecular Weight: 202.591

Accurate Mass: 202.21232

Percentage Composition: C 71.14%; H 13.43%; Li 3.43%; Mg 12.00%

Source/Synthesis: Synth. from  $\text{Bu}_2\text{Mg}$  and Li

Solubility: Sol. cyclohexane,  $\text{Et}_2\text{O}$

**References:**

Malpass, D.B. *et al.*, *J.O.C.*, 1973, **38**, 3718, (*synth, props, pmr*)