



>>Entry Name: Germanium lithium oxide (GeLi₂O₃), 13Cl

Synonym(s): Lithium germanate. Lithium metagermanate

CAS Registry Number: 12315-28-5

Li₂GeO₃

Molecular Formula: GeLi₂O₃

Molecular Weight: 134.49

Accurate Mass: 135.937928

Percentage Composition: Ge 53.99%; Li 10.32%; O 35.69%

Source/Synthesis: Synth. from Li₂CO₃ + GeO₂

Melting Point: Mp 1239°

References:

Pugh, W. *et al.*, *J.C.S.*, 1926, 2828-2832, (*synth*)

Schwarz, R. *et al.*, *Ber., B*, 1927, **62**, 2477-2483, (*synth*)

Voellenkle, H. *et al.*, *Z. Kristallogr.*, 1981, **154**, 77-81, (*cryst struct*)