

Catalogue Number	Product	Order number / Unit
801	<p>Lithium aluminium hydride 1M 1 M solution in dried tetrahydrofuran with controlled ¹²C-background Reagent for ¹¹C radiochemistry</p> <p>Manufactured and packaged in argon atmosphere. Repeated extractions from vial in argon atmosphere does not affect product quality.</p> <p>Molar Mass: 37.95</p> <p>LiAlH₄</p> <p>[16853-85-3]</p> <p>Clear colourless liquid packaged in clear glass vials (2 ml) sealed with teflon-faced rubber stoppers and tear-off crimp caps.</p> <p>Purity: < 5 ppm background CO₂</p> <p>50 ppm Methanol</p> <p>Certificates: CoA; Background ¹²C ([¹²C]Carbonate determined as [¹²C]CO₂ and [¹²C]Methanol as methyl acetate by gas chromatography)</p> <p>Chemical Name: CA index name: lithium aluminium hydride</p> <p>Synonymes: Aluminium lithium tetrahydride; Lithium alanate; Lithium aluminium tetrahydride; Lithium tetrahydroaluminate</p> <p>Literature:</p> <ol style="list-style-type: none">1. Harada N. et al. Measurement of the carbon source which is responsible for dilution in Carbon-11 labelling reactions. J. Appl. Radiat. Isot. 1993, 44, 629.2. Marazano C. et al. Synthesis of [¹¹C]formaldehyde. Int. J. Appl. Radiat. Isot. 1977, 28, 49.3. Iwata R. et al. Comparative study of specific activity of (¹¹C)methyl iodide. A search for the source of carrier carbon. J. Appl. Radiat. Isot. 1988, 39, 1.	<p>801.0001: 1 ml per vial Please inquire for customized filling and bulk quantities.</p> <p>LiAlH₄</p>