


Catalogue Number	Product	Order number / Unit
831	<p>Pentadecylmagnesium bromide 0.5 M in diethyl ether</p> <p>Reagent for synthesis of [¹¹C]palmitic acid</p> <p>Manufactured and packaged in argon atmosphere. Repeated extractions from vial in argon atmosphere possible, but not recommended.</p> <p>Molar Mass: 315.62</p> <p>C₁₅H₃₁BrMg</p> <p>[78887-70-4]</p> <p>Yellow-brown liquid, may contain some crystalline particles packaged in amber glass vials (1 ml) sealed with teflon-faced rubber stoppers and tear-off crimp caps containing 1 ml of 0.5 M C₁₅H₃₁BrMg solution in diethylether.</p> <p>Purity: > 95 %</p> <p>Certificates: CoA; Purity; Assay (molarity)</p> <p>Chemical Name: CA index names: Magnesium, bromopentadecyl-; Pentadecane, magnesium complex</p> <p>Synonymes: Pentadecylmagnesium bromide Grignard in diethylether</p> <p>Literature: Zielinski F. et al. Synthesis of high purity ¹¹C labeled palmitic acid for measurement of regional myocardial perfusion and metabolism. <i>Int. J. Nucl. Med. Biol.</i> 1984, 11, 121-128. Padgett H.C. et al. 1-[¹¹C]palmitic acid: improved radio-pharmaceutical preparation. <i>Int. J. Appl. Radiat. Isot.</i> 1982, 33, 1471-1472. Buckman B.O. et al. Synthesis and tissue biodistribution of [omega-¹¹C]palmitic acid. A novel PET imaging agent for cardiac fatty acid metabolism. <i>J. Med. Chem.</i> 1994, 37, 2481-2485.</p>	<p>831.0001: 1 ml per vial Please inquire for customized filling and bulk quantities.</p> 

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