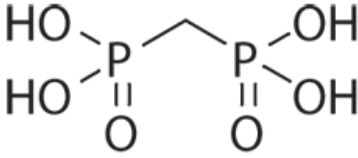


Catalogue Number	Product	Order number / Unit
<b>7160</b>	<b>MDP</b> <b>Ligand for labelling with <sup>99m</sup>Tc</b> <b>Molar Mass:</b> 176.00 $\text{CH}_6\text{O}_6\text{P}_2$ [1984-15-2] Colourless solid packaged in dark glass screw cap vials. <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H and <sup>31</sup> P NMR spectra <b>Chemical Name:</b> CA index name: Phosphonic acid, methylenebis <b>Synonymes:</b> Phosphonic acid, methylenedi-; Medronic acid; Methanebisphosphonic acid; Methanediphosphonic acid; Methylene-1,1-bisphosphonic acid; Methylenebis [phosphonic acid]; Methylenediphosphonic acid; Methylene diphosphonate <b>Literature:</b> 1. Subramanian G. et al.: Technetium-99m-methylene diphosphonate - a superior agent for skeletal imaging: comparison with other technetium complexes. J. Nucl. Med. 1975, 16, 744-755. 2. Blake G.M. et al.: Quantitative Studies of Bone in Postmenopausal Women Using <sup>18</sup> F-Fluoride and <sup>99m</sup> Tc-Methylene Diphosphonate J. Nucl. Med. 2002, 43, 338-345. 3. Moore A.E.B et al.: Validation of Ultrafiltration as a Method of Measuring Free <sup>99m</sup> Tc-MDP. J. Nucl. Med. 2003, 44, 891-897. 4. Moore A.E.B et al.: Validation of a Blood-Sampling Method for the Measurement of <sup>99m</sup> Tc-Methylene Diphosphonate Skeletal Plasma Clearance. J. Nucl. Med. 2006, 47, 581-586.	<b>7160.0010: 10 mg per vial</b> <b>Please inquire for customized filling and bulk quantities.</b> 

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