


Catalogue Number	Product	Order number / Unit
7210	<p><b>Copper tetraMIBI tetrafluoroborate [Cu (MIBI)<sub>4</sub>]BF<sub>4</sub></b></p> <p><b>Ligand for labelling with <sup>99m</sup>Tc or <sup>188</sup>Re</b></p> <p><b>Molar Mass:</b> 602.98</p> <p><b>C<sub>24</sub>H<sub>44</sub>CuN<sub>4</sub>O<sub>4</sub> · BF<sub>4</sub></b></p> <p>[103694-84-4]</p> <p>Colourless to white crystalline solid packaged in dark glass screw cap vials.</p> <p><b>Purity:</b> &gt; 95 %</p> <p><b>Certificates:</b> CoA; <sup>1</sup>H, <sup>13</sup>C and <sup>19</sup>F NMR spectra</p> <p><b>Chemical Name:</b> CA index name: Copper(1+), tetrakis[1-(isocyano-kappaC)-2-methoxy-2-methylpropane]-, (T-4)-, tetrafluoroborate(1-)</p> <p><b>Synonymes:</b> Tetrakis (2-methoxy isobutyl isonitrile) Copper (I) tetrafluoroborate; Propane, 1-isocyano-2-methoxy-2-methyl-, copper complex; Cardio-Spect; [Cu(MIBI)<sub>4</sub>]BF<sub>4</sub>; Copper tetraMIBI tetrafluoroborate; CuMibi; Copper MIBI; Cu MIBI</p> <p><b>Literature:</b> Taki J. et al. Assessment of P-glycoprotein in patients with malignant bone and soft-tissue tumors using technetium-99m-MIBI scintigraphy. J. Nucl. Med. 1998, 39, 1179-1184. Kostakoglu L. et al. P-glycoprotein expression by technetium-99m-MIBI scintigraphy in hematologic malignancy. J. Nucl. Med. 1998, 39, 1191-1197. Lee T.-W. et al. Synthesis, reactivity and <sup>99m</sup>Tc labeling of 2-alkoxyisobutylisonitrile. Appl. Radiat. Isot. 1996, 47, 207-210.</p>	<p>7210.0100: 100 mg per vial 7210.1000: 1 g per vial Please inquire for customized filling and bulk quantities.</p> 

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