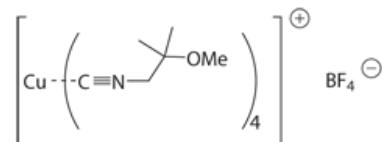


Catalogue Number	Product	Order number / Unit
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7210	Copper tetraMIBI tetrafluoroborate [Cu (MIBI)₄]BF₄ Ligand for labelling with ^{99m}Tc or ¹⁸⁸Re Molar Mass: 602.98 C ₂₄ H ₄₄ CuN ₄ O ₄ · BF ₄ [103694-84-4]	7210.0100: 100 mg per vial 7210.1000: 1 g per vial Please inquire for customized filling and bulk quantities.
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Colourless to white crystalline solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H, ¹³C and ¹⁹F NMR spectra

Chemical Name:

CA index name: Copper(1+), tetrakis[1-(isocyano-kappaC)-2-methoxy-2-methylpropane]-, (T-4)-, tetrafluoroborate(1-)

Synonymes:

Tetrakis (2-methoxy isobutyl isonitrile) Copper (I) tetrafluoroborate; Propane, 1-isocyano-2-methoxy-2-methyl-, copper complex; Cardio-Spect; [Cu(MIBI)₄]BF₄; Copper tetraMIBI tetrafluoroborate; CuMibi

Literature:

1. 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.
2. Kostakoglu L. et al. P-glycoprotein expression by technetium-99m-MIBI scintigraphy in hematologic malignancy. J. Nucl. Med. 1998, 39, 1191-1197.
3. Lee T.-W. et al. Synthesis, reactivity and ^{99m}Tc labeling of 2-alkoxyisobutylisonitrile. Appl. Radiat. Isot. 1996, 47, 207-210.

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