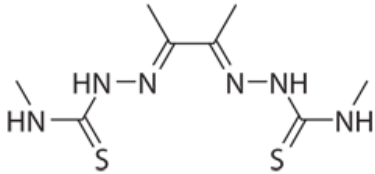


Catalogue Number	Product	Order number / Unit
1455	ATSM Complexation agent for [⁶⁴Cu]-Labelling Molar Mass: 260.39 C ₈ H ₁₆ N ₆ S ₂ [63618-91-7] Colorless to yellowish solid packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H NMR spectrum Chemical Name: CA index name: Hydrazinecarbothioamide, 2,2'-(1,2-dimethyl-1,2-ethanediylidene) bis[N-methyl- Synonymes: ATSM Literature: 1. Szajek L.P. et al. Semi-remote production of [⁶⁴ Cu]CuCl ₂ and preparation of high specific activity [⁶⁴ Cu] Cu-ATSM for PET studies. Radiochim. Acta 2005, 93, 239-244. 2. Fujibayashi Y. et al. Copper-62-ATSM: A new Hypoxia Imaging Agent with high Membrane Permeability and Low Redox Potential J. Nucl. Med. 1997, 38, 1150-1160. 3. Green M.A. et al. Copper-62-Labeled Pyruvaldehyde Bis(N4-methylthiosemicarbazonato)copper(II): Synthesis and Evaluation as a Positron Emission Tomography Tracer for Cerebral and Myocardial Perfusion J. Nucl. Med. 1990, 31, 1989-1996.	1455.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

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