

Catalogue Number	Product	Order number / Unit
7510	S-(-)-IBZM Reference standard for S-(-)-[*I]IBZM Precursor for S-(-)-[¹²³I/¹²⁵I]IBZM Molar Mass: 404.24 $C_{15}H_{21}IN_2O_3$ [84226-06-2] Dark yellow oil packaged in dark glass crimp cap vials (7510.0001) or screw cap vials (7510.0010). Purity: > 95 % Certificates: CoA; ¹ H NMR spectrum Chemical Name: CA index name: Benzamide, N-[[^(2S) -1-ethyl-2-pyrrolidinyl]methyl]-2-hydroxy-3-iodo-6-methoxy- Synonyms: Iodobenzamide, (S)-(-)-3-Iodo-2-hydroxy-6-methoxy-N[(1-ethyl-2-pyrrolidinyl)methyl]benzamide Literature: Kung H.F. et al. Dopamine D-2 receptor Imaging Radiopharmaceuticals: Synthesis, Radiolabeling and in Vitro binding of R(+)- and S(-)-3-iodo-2-hydroxy-6-methoxy-N-[(1-ethyl-2-pyrrolidinyl)methyl]benzamide. J. Med. Chem. 1988, 31, 1039-1043. Cordes M. et al. Initial experience with SPECT examinations using [¹²³ I]IBZM as a D2-dopamine receptor antagonist in Parkinson's disease. Eur. J. Radiol. 1991, 12, 182. Innis R.B. et al. Amphetamine-stimulated dopamine release competes in vivo for [¹²³ I]IBZM binding to the D2receptor in nonhuman primates. Synapse 1992, 10, 177. Ichise M. et al. Iodine-123-IBZM dopamine D2receptor and technetium -99 m-HMPAO brain perfusion SPECT in the evaluation of patients with and subjects at risk for Huntington's disease J. Nucl. Med. 1993, 34, 1274.	7510.0001: 1 mg per vial 7510.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 