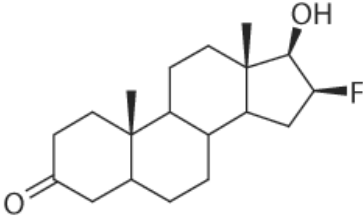


Catalogue Number	Product	Order number / Unit
1918	FDHT standard Reference standard for [¹⁸F]FDHT (16β-[¹⁸F]fluoro-5α-dihydrotestosterone) Molar Mass: 308.43 C ₁₉ H ₂₉ FO ₂ [141663-88-9] Colourless solid packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H and ¹⁹ F NMR spectra Chemical Name: CA index name: Androstan-3-one, 16-fluoro-17-hydroxy-, (5α,16α,17β)- Synonyms: 16β-fluoro-5α-dihydrotestosterone; 16β-Fluorodihydrotestosterone; [¹⁸ F]FDHT standard Literature: Liu A. et al. Fluorine-18-Labeled Androgens: Radiochemical Synthesis and Tissue Distribution Studies on Six fluorine-Substituted Androgens, Potential Imaging Agents for Prostatic Cancer. <i>J. Nucl. Med</i> 1992, 33, 724-734. Liu A. et al. Fluorine-18-Labeled Androgens: Radiochemical Synthesis and Tissue Distribution Studies on Six fluorine-Substituted Androgens, Potential Imaging Agents for Prostatic Cancer. <i>J. Nucl. Med</i> 1992, 33, 724-734. Zhou D. et al. Optimization of the preparation of fluorine-18-labeled steroid receptor ligands 16α-[¹⁸ F] fluoroestradiol (FES), [¹⁸ F]fluoro furanylprogesterone (FFNP), and 16β-[¹⁸ F]fluoro-5α-dihydrotestosterone (FDHT) as radiopharmaceuticals. <i>J. Label. Compd. Radiopharm.</i> 2014, 5, 371-377 DOI: 10.1002/jlcr.3191 Dehdashti F. et al. Positron tomographic assessment of androgen receptors in prostatic carcinoma. <i>Eur. J. Nucl. Med. Mol. Imaging</i> 2005, 32, 344-350.	Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 10 May 2017