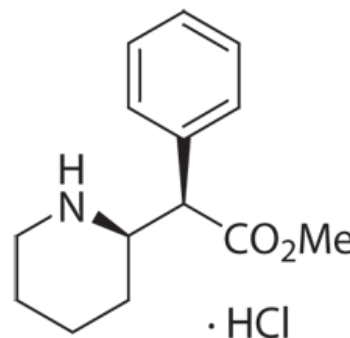


Catalogue Number	Product	Order number / Unit
1593	D-threo-Methylphenidate hydrochloride Reference standard for D-threo-[¹¹C] Methylphenidate Controlled substance, license required in most countries. Molar Mass: 269.77 C ₁₄ H ₁₉ NO ₂ · HCl [19262-68-1] Colourless solid packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H NMR spectrum Chemical Name: CA index name: 2-Piperidineacetic acid, α-phenyl-, methyl ester, (αR,2R) Synonymes: 2-Piperidineacetic acid, α-phenyl-, methyl ester, [R-(R*,R*)]; (+)-threo-Methylphenidate; d-threo-Methylphenidate; Dexmethylphenidate; threo-(+)-Methylphenidate Literature: 1. Ding Y.-S. et al. Synthesis of the Racemate and Individual Enantiomers of [¹¹ C]Methylphenidate for Studying Presynaptic Dopaminergic Neuro with Positron Emission Tomography. J. Labelled Compd. Radiopharm. 1994, XXIV, 989-997. 2. Studenov, A. R. et al. An improved method for the radiosynthesis [¹¹ C]d-threo-methylphenidate. J. Labelled Compd. Radiopharm. 2006, 49, 455-458. 3. Patt M. et al. Synthetic approaches and biodistribution studies of [¹¹ C]methylphenidate. J. Pharm. Pharmaceutical Sci. 2007, 10, 312s-320s.	1593.0010: 10 mg per vial Please inquire for customized filling and bulk quantities.



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