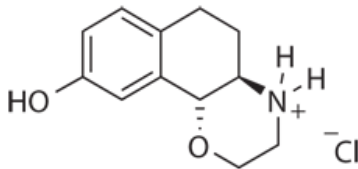


Catalogue Number	Product	Order number / Unit
<b>1643</b>	<b>(+)-HNO hydrochloride</b> <b>Precursor for [<sup>11</sup>C]-(+)-PHNO</b> <b>Precursor for [<sup>18</sup>F]-(+)-F-PHNO</b>  <b>Molar Mass:</b> 241.71 $C_{12}H_{15}NO_2 \cdot HCl$ [858517-21-2]  Beige solid packaged in dark glass screw cap vials.  <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H NMR spectrum <b>Chemical Name:</b> CA index name: 2H-Naphtho[1,2-b]-1,4-oxazin-9-ol, 3,4,4a,5,6,10b-hexahydro-, hydrochloride (1:1), (4aR,10bR) <b>Synonyms:</b> (4aR,10bR)- 3,4,4a,5,6,10b-hexahydro-2H-Naphth[1,2-b]-1,4-oxazin-9-ol, hydrochloride; (+)-3,4,4a,5,6,10b-Hexahydro-2H-naphtho[1,2-β][1,4]oxazin-9-ol hydrochloride; (4aR,10bR)-3,4,4a,5,6,10b-Hexahydro-2H-Naphth[1,2-β]-1,4-oxazin-9-ol, hydrochloride; (+)-HNO [ <sup>11</sup> C]-(+)-PHNO = [ <sup>11</sup> C]-(+)-4-Propyl-3,4,4a,5,6,10b-hexahydro-2H-naphtho[1,2-b][1,4]oxazin-9-ol [ <sup>18</sup> F]-(+)-F-PHNO = [ <sup>18</sup> F]-(+)-4-Fluoropropyl-3,4,4a,5,6,10b-hexahydro-2H-naphtho[1,2-b][1,4]oxazin-9-ol <b>Literature:</b> 1. Wilson et al. [ <sup>11</sup> C]-(+)-4-Propyl-3,4,4a,5,6,10b-hexahydro-2H-naphtho[1,2-b][1,4]oxazin-9-ol as a Potential Radiotracer for in Vivo Imaging of the Dopamine D2 High-Affinity State with Positron Emission Tomography. J. Med. Chem. 2005, 48, 4153-4160. 2. Boileau et al. Decreased binding of the D3 dopamine receptor-preferring ligand [ <sup>11</sup> C]-(+)-PHNO in drug-naïve Parkinson's disease. Brain, 2009, 132, 1366-1375.	1643.0001: 1 mg per vial 1643.0010: 10 mg per vial Please inquire for customized filling and bulk quantities.  

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