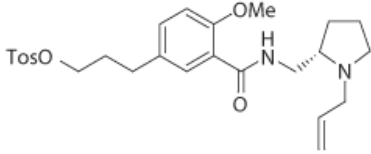


Catalogue Number	Product	Order number / Unit
<b>1570</b>	<b>Tosyl-Desmethoxyfallypride</b> <b>Precursor for [<sup>18</sup>F]Desmethoxyfallypride</b>  <b>Molar Mass:</b> 486.62 <b>C<sub>26</sub>H<sub>34</sub>N<sub>2</sub>O<sub>5</sub>S</b> <b>[713135-14-9]</b>  Colourless to yellowish oil packaged in dark glass crimp cap vials.  <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H NMR spectrum <b>Chemical Name:</b> CA index name: Benzamide, 2-methoxy-5-[3-[[[(4-methylphenyl)sulfonyl]oxy]propyl]-N-[[1-(2-propenyl)-2-pyrrolidiny]methyl]- <b>Synonymes:</b> DMFP-Precursor <b>Literature:</b> Roesch F. et al. Quantification of D2-like dopamine receptors in the human brain with <sup>18</sup> F-desmethoxyfallypride. J. Nucl. Med. 2003, 44, 109-116. Mukherjee J. et al. <sup>18</sup> F-Desmethoxyfallypride: a fluorine-18 labeled radiotracer with properties similar to carbon-11 raclopride for PET imaging studies of dopamine D2 receptors. Life Sciences 1996, 59, 669-678. Mukherjee J. et al. Fluorinated Benzamide Neuroleptics - III. Development of (S)-N-[(1-allyl-2-pyrrolidinyl)methyl]-[3- <sup>18</sup> F]fluoro-propyl)dimethoxybenzamide as an Improved Dopamine D-2 Receptor Tracer. Nucl. Med. Biol. 1995, 22, 283-296. Mukherjee J. et al. Fluorinated Benzamide Neuroleptics - II. Synthesis and Radiosynthesis of (S)-N-[(1-ethyl-2-pyrrolidinyl)methyl]-5-(3- <sup>18</sup> F]fluoropropyl)-3-substituted-2-methoxybenzamides. Appl. Radiat. Isot. 1991, 42, 713-721.	<b>1570.0002: 2 mg per vial</b> <b>Please inquire for customized filling and bulk quantities.</b>   The chemical structure shows a central benzamide core. The benzene ring has a methoxy group (OMe) at the 2-position and a 3-[[[(4-methylphenyl)sulfonyl]oxy]propyl] group at the 5-position. The amide nitrogen is substituted with a (1-allyl-2-pyrrolidinyl)methyl group.

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