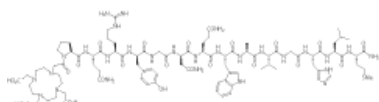


Catalogue Number	Product	Order number / Unit
<b>9715</b>	<b>DOTA-[Pro<sup>1</sup>,Tyr<sup>4</sup>]bombesin (1-14)</b> <b>Precursor for radiolabelled DOTA-[Pro<sup>1</sup>,Tyr<sup>4</sup>] bombesin (1-14)</b> <b>Molar Mass:</b> 2042.28 <b>C<sub>90</sub>H<sub>136</sub>N<sub>28</sub>O<sub>25</sub>S</b> [593287-40-2] (net peptide) Colourless to off-white freeze-dried solid packaged in screw cap vials. <b>Purity:</b> ≥ 95 % <b>Certificates:</b> CoA; MS (identity); HPLC (purity) <b>Chemical Name:</b> Sequence: DOTA-Pro-Gln-Arg-Tyr-Gly-Asn-Gln-Trp-Ala-Val-Gly-His-Leu-Met-NH <sub>2</sub> DOTA = [4,7,10-Tris-(carboxymethyl)-1,4,7,10-tetraazacyclododec-1-yl]-acetyl Supplied as acetate salt <b>Synonymes:</b> Bombesin, 1-[1-[[4,7,10-tris(carboxymethyl)-1,4,7,10-tetraazacyclododec-1-yl] acetyl]-L-proline]-4-L-tyrosine-; MP2346; DOTA-[P <sup>1</sup> , Y <sup>4</sup> ]BBN(1-14); CA index name: Bombesin, 1-[1-[2-[4,7,10-tris(carboxymethyl)-1,4,7,10-tetraazacyclododec-1-yl]acetyl]-L-proline]-4-L-tyrosine- <b>Literature:</b> Biddlecombe G.B. et al. Molecular Imaging of Gastrin-Releasing Peptide Receptor-Positive Tumors in Mice Using <sup>64</sup> Cu- and <sup>86</sup> Y-DOTA-[Pro <sup>1</sup> ,Tyr <sup>4</sup> ]-Bombesin(1-14). <i>Bioconjug Chem.</i> 2007, 18, 724-30. Breeman W.A. et al. Evaluation of radiolabelled bombesin analogues for receptor-targeted scintigraphy and radiotherapy. <i>Int J Cancer.</i> 1999, 81, 658-65. Breeman W.A. et al. Preclinical comparison of <sup>111</sup> In-labeled DTPA- or DOTA-bombesin analogs for receptor targeted scintigraphy and radionuclide therapy. <i>J. Nucl. Med.</i> 2002, 43, 1650-56.	9715.0001: 1 mg per vial 9715.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

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