

| Catalogue Number | Product | Order number / Unit |
|------------------|---------|---------------------|
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**9714 AMBA acetate**

9714.0001: 1 mg per vial  
9714.0010: 10 mg per vial  
Please inquire for customized filling and bulk quantities.

**Molar Mass:** 1502.70

$C_{68}H_{99}N_{19}O_{18}S$

[721937-56-0] (net peptide)

Colourless to off-white freeze-dried solid packaged in dark glass screw cap vials.

**Purity:**  $\geq 97\%$

**Certificates:**

CoA; MS (identity) and HPLC (purity)

**Chemical Name:**

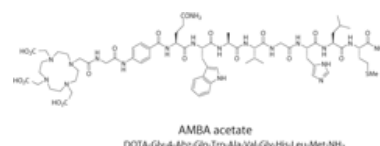
CA index name: L-Methioninamide, N-[2-[4,7,10-tris(carboxymethyl)-1,4,7,10-tetraazacyclododec-1-yl]acetyl]glycyl-4-aminobenzoyl-L-glutaminy-L-tryptophyl-L-alanyl-L-valylglycyl-L-histidyl-L-leucyl-

**Synonyms:**

L-Methioninamide, N-[[4,7,10-tris(carboxymethyl)-1,4,7,10-tetraazacyclododec-1-yl]acetyl]glycyl-4-aminobenzoyl-L-glutaminy-L-tryptophyl-L-alanyl-L-valylglycyl-L-histidyl-L-leucyl-

**Literature:**

1. Chen J. et al. Synthesis, stabilization and formulation of [ $^{177}\text{Lu}$ ]Lu-AMBA, a systemic radiotherapeutic agent for Gastrin Releasing Peptide receptor positive tumors. *Appl Radiat Isot.* 2008, 66, 497-505.
2. Waser B. et al. Selective in vitro targeting of GRP and NMB receptors in human tumours with the new bombesin tracer  $^{177}\text{Lu}$ -AMBA. *Eur. J. Nucl. Med. Mol. Imaging.* 2007, 34, 95-100.
3. Lantry L.E. et al.  $^{177}\text{Lu}$ -AMBA: Synthesis and characterization of a selective  $^{177}\text{Lu}$ -labeled GRP-R agonist for systemic radiotherapy of prostate cancer. *J. Nucl. Med.* 2006, 47, 1144-52.
4. Nunn A.D. et al. Preclinical evaluation of  $^{177}\text{Lu}$ -AMBA, a radiolabelled peptide for systemic radiotherapy and imaging of prostate cancer by targeting gastrin releasing peptide receptors. *Eur. J. Cancer Suppl.* 2004, 2, 89.



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