

Product Name	: Macropa-NH ₂ hydrochloride
Synonyms	: —
Cat No.	: M33005
CAS Number	: 2443966-86-5
Molecular Formula	: C ₂₆ H ₃₈ ClN ₅ O ₈
Formula Weight	: 584.06
Chemical Name	: —
Description	Macropa-NH ₂ hydrochloride is the precursor of Macropa-NCS. Macropa-NCS is conjugated to Anti-Human HER2 (HY-P9907) as well as to the prostate-specific membrane antigen-targeting compound RPS-070 and is a promising therapeutic radionuclide applied in the treatment of soft-tissue metastases.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: In Vitro: ?H ₂ O : ≥ 100 mg/mL (171.22 mM) DMSO : 83.33 mg/mL (142.67 mM; Ultrasonic)
SMILES	: Cl.Nc1cc(CN2CCOCCOCCN(Cc3cccc(n3)C(O)=O)CCOCCOCC2)nc(c1)C(O)=O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Thiele NA, et al. An Eighteen-Membered Macrocyclic Ligand for Actinium-225 Targeted Alpha Therapy. Angew Chem Int Ed Engl. 2017 Nov 13;56(46):14712-14717.