

Product Data Sheet

Product Name: (S)-NH₂-NODAGA hydrochloride

Cat. No.: GC79836

Chemical Properties

Cas. No.

Formula C₁₇H₃₂ClN₅O₇

M.Wt 453.92

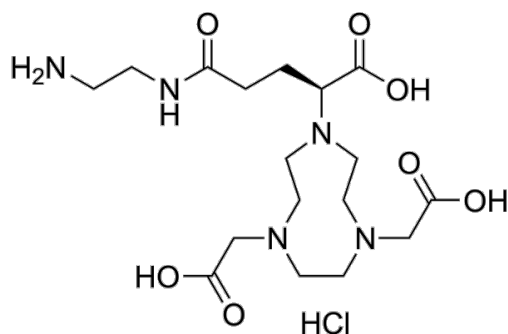
Solubility

Storage Store at -20°C, sealed storage, away from moisture and light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

(S)-NH₂-NODAGA hydrochloride is the S isomer of NH₂-NODAGA hydrochloride. NH₂-NODAGA hydrochloride is an amino-modified NODAGA-type bifunctional chelator, specifically designed for amidation coupling with targeting ligands via squaric acid (SA), followed by coordination with radionuclides (e.g., ⁶⁸Ga, ¹⁷⁷Lu). NH₂-NODAGA hydrochloride can be coupled with diethyl squarate to form a PSMA inhibitor conjugate, which is used in prostate cancer research.

Caution: Product has not been fully validated for medical applications. For research use only.

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