

| Catalogue Number | Product | Order number / Unit |
|------------------|---------|---------------------|
|------------------|---------|---------------------|

2210 L-Homocysteine thiolactone hydrochloride

Precursor for L-[¹¹C]Methyl-methionine, -ethionine, and -propionine

Molar Mass: 153.63

C₄H₇NOS · HCl

[31828-68-9]

Colourless solid packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H NMR spectrum

Chemical Name:

CA index name: 2(3H)-Thiophenone, 3-aminodihydro-, hydrochloride, (3S)-

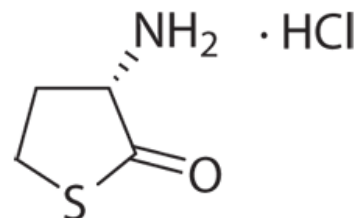
Synonymes:

2(3H)-Thiophenone, 3-aminodihydro-, hydrochloride, (S)-; 2(3H)-Thiophenone, 3-aminodihydro-, hydrochloride, L-

Literature:

1. Ishiwata K. et al. Carbon-11 labeled ethionine and propionine as tumor detecting agents. Ann. Nucl. Med. 1997, 11, 115-122.
2. Schmitz F. et al. Fast Routine Production of L-[¹¹C-Methyl]-methionine with Al₂O₃/KF. Appl. Radiat. Isot. 1995, 46, 893-897.
3. Comar D. et al. Labelling and Metabolism of Methionine-Methyl-¹¹C. Eur. J. Nucl. Med. 1976, 1, 11-14.

2210.0001: 1 mg per vial
2210.0002: 2 mg per vial
Please inquire for customized filling and bulk quantities.



date of product catalogue issue: 05 April 2012