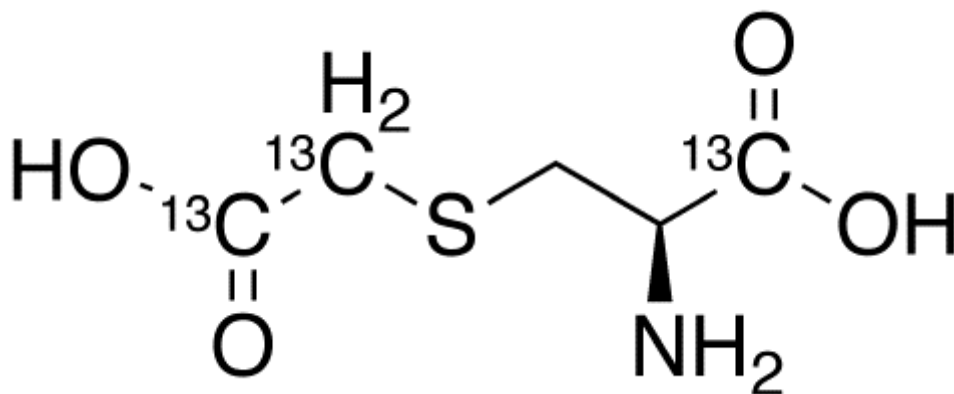




**Chemical Name:** Carbocysteine-13C3

**Synonyms:** S-Carboxymethyl-L-cysteine-13C3; (2R)-2-Amino-3-[(carboxymethyl)thio]propionic Acid-13C3; (R)-S-(Carboxymethyl)cysteine-13C3; (L)-2-Amino-3-(carboxymethylthio)propionic Acid-13C3; 3-[(Carboxymethyl)thio]-L-alanine-13C3; AHR 3053-13C3; Bronchokod-13C3; Carbocysteine-13C3; Carbocit-13C3; Carbocysteine-13C3; Chilvax-13C3; DF 1794Y-13C3; L-(Carboxymethyl)cysteine-13C3; LJ 206-13C3; Lisil-13C3; Lisomucil-13C3; Loviscol-13C3; Muciclar-13C3; Mucocis-13C3; Mucodyne-13C3; Mucofan-13C3; Mucolase-13C3; Mucorex-13C3; Mucopront-13C3; Mucosol-13C3; Mucotab-13C3; Mukinyl;-13C3 NSC 14156-13C3; PectDrill-13C3;

**CAS Number:** 1391068-19-1

**Possible CAS Number:** unlabelled: 638-23-3

**Mol. Formula:** C213C3H9NO4S

**Appearance:** White Solid



**Melting Point:** 1754-179°C (dec.)

**Mol. Weight:** 182.17

**Storage:** Hygroscopic, Refrigerator, Under Inert Atmosphere

**Stability:** NA

**Solubility:** Aqueous Acid

**Boiling Point:** NA

**Category:** Amines, Chiral Reagents, Isotope Labelled Compounds, Pharmaceuticals, Intermediates & Fine Chemicals, Sulfur & Selenium Compounds

**Applications:** Labelled Carbocisteine (C178760). Carbocisteine is a mucolytic agent used in the treatment of respiratory disorders ranging from the influenza virus infection to chronic obstructive pulmonary disease (COPD).

**References:** Stevenson, G.B. et al.: Eur. Resp. J., 27, 865 (2006); Suer, E. et al.: J. Infect. Chemother., 14, 333 (2008); Yamaya, M. et al.: Am. J. Physiol., 299, L160 (2010);