

Product Name	: DL-Homocysteine
Synonyms	: 2-Amino-4-mercaptobutyric acid
Cat No.	: M19720
CAS Number	: 454-29-5
Molecular Formula	: C ₄ H ₉ NO ₂ S
Formula Weight	: 135.19
Chemical Name	: —
Description	: DL-Homocysteine is a potential marker for tumor cell growth. increased plasma homocysteine is a risk factor for coronary heart disease and carcinogenesis.
Pathway	: Proteasome/Ubiquitin
Target	: Endogenous Metabolite
Receptor	: Human Endogenous Metabolite
Solubility	: DMSO: 10 mM; Water: Soluble
SMILES	: NC(CCS)C(O)=O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. DL-Homocysteine et al. Dual effect of DL-homocysteine and S-adenosylhomocysteine on brain synthesis of the glutamate receptor antagonist kynurenic acid. J Neurosci Res. 2005 Feb 1; 79(3):375-82.