

Product Name	: DL-Buthionine-(SR)-sulfoximine
Synonyms	: Butionine sulfoximine; NSC 381100
Cat No.	: M20963
CAS Number	: 5072-26-4
Molecular Formula	: C ₈ H ₁₈ N ₂ O ₃ S
Formula Weight	: 222.31
Chemical Name	: 2-amino-4-(butylsulfonimidoyl)butanoic acid
Description	: DL-Buthionine-(SR)-sulfoximine is an inhibitor of γ-glutamylcysteine synthetase for the treatment of solid tumors.
Pathway	: Others
Target	: Other Targets
Receptor	: γ-glutamylcysteine synthetase
Solubility	: H ₂ O: 41.67 mg/mL (187.44 mM; Need ultrasonic)
SMILES	: <chem>CCCCS(=N)(=O)CCC(N)C(=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Arrick B. A . Inhibition of glutathione synthesis as a chemotherapeutic strategy for trypanosomiasis [J]. Journal of Experimental Medicine 1981 153(3):720-725.