
L-BUTHIONINE-(S,R)-SULFOXIMINE

产品编号: D58199

CAS: 83730-53-4

分子式: C₈H₁₈N₂O₃S

纯度: 99.51%

InChi Key: InChiKey=KJQFBVYMGADDTQ-CVSPRKDYSA-N

Smiles: CCCCS(=N)(=O)CC[C@H](N)C(O)=O

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Ferroptosis

溶解性: DMSO: Insoluble; Water: 10 mM

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: L-Buthionine-(S,R)-sulfoximine is a cell-permeable and irreversible inhibitor of γ -glutamylcysteine synthetase ($K_i < 100 \mu\text{M}$) that induces oxidative stress in cells by depleting GSH.