

4-S-(2-Amino-2-oxoethyl)-4-thiouridine

Art. ID TRC-A619055-25MG
Unit 25 mg

Description

Application Notes: 4-S-(2-Amino-2-oxoethyl)-4-thiouridine is a derivative compound of 4-Thiouridine (T384010). 4-Thiouridine is a nucleotide analogue, essential for cell growth in certain bacterial species. This compound is also able to chelate with certain metal ions, and in tRNA. it can act as a built-in antiphotomutagenic agent that protects Escherichia coli cells against mutagenesis. /// References: Caldeira de Araujo, A., et al.: Embo J., 5, 175 (1986), Mishima, Y., et al.: Embo J., 14, 2679 (1995)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	4-S-(2-Amino-2-oxoethyl)-4-thiouridine					