

Product Information

Folcisteine, Purity $\geq 98\%$

Cat. No.: X24-09-YM1447

Size: 100 mg; 200 mg; 500 mg; 1 g

MDL: MFCD00038440

CAS Number: 5025-82-1

Compound CID: 98928

Synonym: 5025-82-1; 3-Acetylthiazolidine-4-carboxylic acid;

3-Acetyl-1,3-thiazolidine-4-carboxylic acid



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Folcisteine is a plant growth regulator. The molecular weight of the compound is 175.21, and its molecular formula is C ₆ H ₉ NO ₃ S.
Molecular Weight	175.21
Molecular Formula	C ₆ H ₉ NO ₃ S
IUPAC Name	3-Acetyl-1,3-thiazolidine-4-carboxylic acid
InChI	InChI=1S/C6H9NO3S/c1-4(8)7-3-11-2-5(7)6(9)10/h5H,2-3H2,1H3,(H,9,10)
InChI Key	WXTBYSIPOKXCPM-UHFFFAOYSA-N
Canonical SMILES	CC(=O)N1CSCC1C(=O)O
Isomeric SMILES	CCC(C)NC(=O)/C=C/C1=CC(=C(C=C1)Cl)Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Folcisteine plays a key role in helping mitigate oxidative damage and improve outcomes in conditions where oxidative stress is a contributing factor.
Storage	Store at -20°C, and keep desiccated.