

Product Information

Alanosine, Purity $\geq 98\%$

Cat. No.: X24-09-YM1366

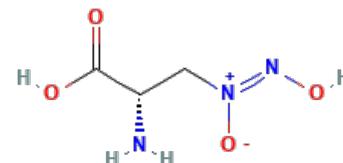
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 5854-93-3

Compound CID: 135409347

Synonym: 5854-93-3; SDX102; SDX-102; SDX 102; L-alanosine;

(Z)-[(2S)-2-Amino-2-carboxyethyl]-hydroxyimino-oxidoazanium



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

Product Information

Description	Alanosine is an amino acid analog. The molecular weight of the compound is 149.11, and its molecular formula is C ₃ H ₇ N ₃ O ₄ .
Molecular Weight	149.11
Molecular Formula	C ₃ H ₇ N ₃ O ₄
IUPAC Name	(Z)-[(2S)-2-Amino-2-carboxyethyl]-hydroxyimino-oxidoazanium
InChI	InChI=1S/C3H7N3O4/c4-2(3(7)8)1-6(10)5-9/h2,9H,1,4H2,(H,7,8)/b6-5-/t-/m0/s1
InChI Key	ZGNLFUXWZJGETL-YUSKDDKASA-N
Canonical SMILES	C(C(C(=O)O)N)[N+](=NO)[O-]
Isomeric SMILES	C[C@]12CCC(=O)C=C1CC[C@@H]3[C@@]2([C@H](C[C@]4([C@H]3CC[C@]4(C)O)C)O)F
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	Alanosine can be used for its effects on rapidly dividing cells.
Storage	Store at -20°C, and keep desiccated.