

## Product Information

### Antifection inhibitor Acetohydroxamic acid, Purity $\geq 98\%$

**Cat. No.:** X24-07-ZQ042

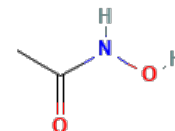
**Size:** 100 mg; 200 mg; 500 mg

**MDL:** MFCD00009994

**CAS Number:** 546-88-3

**Compound CID:** 1990

**Synonym:** 546-88-3; Antifection inhibitor; AHA



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

#### Product Information

<b>Description</b>	Acetohydroxamic acid, soluble in DMSO, water and ethanol, has strong immunosuppressant properties. It targets Urease.
<b>Molecular Weight</b>	75.07
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>
<b>Targets</b>	Urease
<b>IUPAC Name</b>	<i>N</i> -hydroxyacetamide
<b>InChI</b>	InChI=1S/C2H5NO2/c1-2(4)3-5/h5H,1H3,(H,3,4)
<b>InChI Key</b>	RRUDCFGSUDOH DG-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC(=O)NO
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Solubility</b>	DMSO: 14 mg/mL (186.49 mM); Water: 14 mg/mL (186.49 mM); Ethanol: 14 mg/mL (186.49 mM)
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Acetohydroxamic acid is an antifection inhibitor researched for its ability to inhibit bacterial urease, assisting in understanding treatments for urinary tract infections.
<b>Storage</b>	Store at -20°C, and keep desiccated.