

## Product Information

### Propiolamide, Purity $\geq 98\%$

**Cat. No.:** X24-09-YM1386

**Size:** 250 mg; 500 mg; 1 g; 2 g

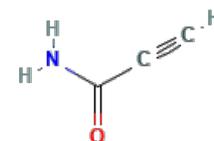
**MDL:** MFCD04035573

**CAS Number:** 7341-96-0

**Compound CID:** 101445

**Synonym:** 7341-96-0; Propiolic acid amide; Prop-2-ynamide

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



#### Product Information

<b>Description</b>	Propiolamide is classified as an amide compound. The molecular weight of the compound is 69.06, and its molecular formula is C <sub>3</sub> H <sub>3</sub> NO.
<b>Molecular Weight</b>	69.06
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>3</sub> NO
<b>IUPAC Name</b>	Prop-2-ynamide
<b>InChI</b>	InChI=1S/C3H3NO/c1-2-3(4)5/h1H,(H2,4,5)
<b>InChI Key</b>	HCJTYESURSHXNB-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C#CC(=O)N
<b>Isomeric SMILES</b>	C1C[C@H](N(C1)C(=O)[C@H](CC2=CN=CN2)NC(=O)[C@@H]3CCCC(=O)N3)C(=O)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Propiolamide can be used for its impact on metabolic and inflammatory pathways, though detailed studies may be limited.
<b>Storage</b>	Store at -20°C, and keep desiccated.