

## Product Information

### Antifection inhibitor Cyromazine, Purity $\geq 98\%$

**Cat. No.:** X24-07-ZQ070

**Size:** 100 mg; 250 mg; 500 mg; 1000 mg

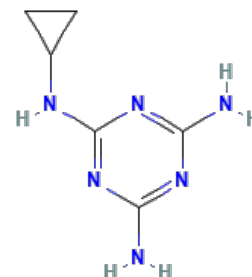
**MDL:** MFCD00078650

**CAS Number:** 66215-27-8

**Compound CID:** 47866

**Synonym:** 66215-27-8; Antifection inhibitor; Cyromazin; CGA-72662

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



#### Product Information

<b>Description</b>	Cyromazine, soluble in DMSO, water and ethanol, has strong immunosuppressant properties. It targets human endogenous metabolite.
<b>Molecular Weight</b>	166.18
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>10</sub> N <sub>6</sub>
<b>Targets</b>	Human endogenous metabolite
<b>IUPAC Name</b>	2- <i>N</i> -cyclopropyl-1,3,5-triazine-2,4,6-triamine
<b>InChI</b>	InChI=1S/C6H10N6/c7-4-10-5(8)12-6(11-4)9-3-1-2-3/h3H,1-2H2,(H5,7,8,9,10,11,12)
<b>InChI Key</b>	LVQDKIWDGQRHTE-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C1CC1NC2=NC(=NC(=N2)N)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Solubility</b>	DMSO: 33 mg/mL (198.57 mM); Water: 1 mg/mL (6.01 mM); Ethanol: 2 mg/mL (12.03 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>	Cyromazine is used as an insect growth regulator in research aimed at understanding larval development processes in pest species, particularly in the context of interrupting life cycles to manage infestations.
<b>Storage</b>	Store at -20°C, and keep desiccated.



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