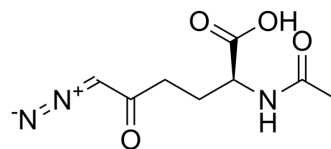


## Duazomycin

Cat. No.:	HY-105723
CAS No.:	2508-89-6
Molecular Formula:	C <sub>8</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	213.19
Target:	Glutaminase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Duazomycin A is a glutamine antagonist. Duazomycin A can significantly enhance the effectiveness of 6-Mercaptopurine (6-MP) (HY-13677) in experimental allergic encephalomyelitis (EAE) without increasing toxicity<sup>[1][2]</sup>.

### REFERENCES

- [1]. Vogel C L, et al. Enhanced suppression of experimental allergic encephalomyelitis by combination chemotherapy with duazomycin-A and 6-mercaptopurine[J]. Proceedings of the Society for Experimental Biology and Medicine, 1969, 131(1): 251-256.
- [2]. Rosenberg S, et al. Enhanced Suppression of the Secondary Immune Response by Combination of 6-Mercaptopurine 'Duazomycin A'[J]. Nature, 1963, 199(4898): 1101-1102.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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