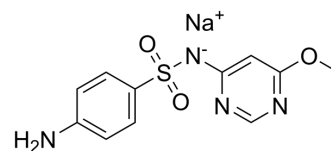


## Sulfamonomethoxine sodium

Cat. No.:	HY-W097570
CAS No.:	38006-08-5
Molecular Formula:	C <sub>11</sub> H <sub>11</sub> N <sub>4</sub> NaO <sub>3</sub> S
Molecular Weight:	302.28
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

Description	Sulfamonomethoxine sodium is a long acting sulfonamide?antibacterial?agent, used in blood kinetic studies,and blocks the synthesis of folic acid by inhibiting synthetase of dihydropteroate <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: antibacterial <sup>[1]</sup>

### REFERENCES

[1]. Ryuji Ueno. Pharmacokinetics and Bioavailability of Sulfamonomethoxine in Cultured Eel. Fish Pathology,33(4),297-301,1998.10.

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

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