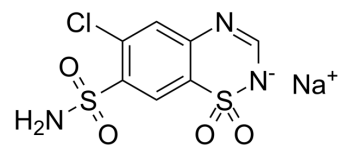


## Chlorothiazide sodium

Cat. No.:	HY-B0224A
CAS No.:	7085-44-1
Molecular Formula:	C <sub>7</sub> H <sub>5</sub> ClN <sub>3</sub> NaO <sub>4</sub> S <sub>2</sub>
Molecular Weight:	317.71
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Chlorothiazide sodium is an orally active diuretic and anti-hypertensive agent <sup>[1]</sup> .
In Vitro	Chlorothiazide sodium has a plasma half-life of 45–120 min and a biological half-life of nearly 10 h <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### CUSTOMER VALIDATION

- J Pharmaceut Biomed. 2020, 113870.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Babu V R, et al. Preparation and in-vitro release of chlorothiazide novel pH-sensitive chitosan-N, N'-dimethylacrylamide semi-interpenetrating network microspheres. Carbohydrate Polymers, 2008, 71(2): 208-217.

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

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