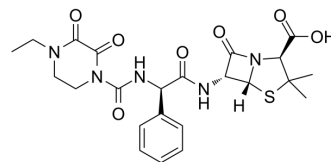


## Piperacillin

Cat. No.:	HY-B1923
CAS No.:	61477-96-1
Molecular Formula:	C <sub>23</sub> H <sub>27</sub> N <sub>5</sub> O <sub>7</sub> S
Molecular Weight:	517.55
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Piperacillin is kind of semisynthetic penicillins. Piperacillin has a broad spectrum of activity against Gram-positive and Gram-negative aerobic and anaerobic bacteria. Piperacillin has shown greater activity against  $\beta$ -lactamase-producing organisms than the other penicillins<sup>[1]</sup>.

### CUSTOMER VALIDATION

- Nat Commun. 2022 Mar 2;13(1):1116.
- Biomed Res Int. 2018 Jul 2;2018:3579832.

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

### REFERENCES

[1]. B. Holmes, et al. A Review of its Antibacterial Activity, Pharmacokinetic Properties and Therapeutic Use.

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

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