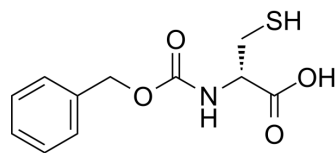


## N-Cbz-D-Cysteine

Cat. No.:	HY-160255A
CAS No.:	156916-81-3
Molecular Formula:	C <sub>11</sub> H <sub>13</sub> NO <sub>4</sub> S
Molecular Weight:	255.29
Target:	Beta-lactamase
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	N-Cbz-D-Cysteine (Cbz-D-Cys) (compound 5) is a potent $\beta$ -lactamase II inhibitor with a $K_i$ value of 20.1 $\mu$ M <sup>[1]</sup> .
IC <sub>50</sub> & Target	$K_i$ : 20.1 $\mu$ M ( $\beta$ -lactamase II) <sup>[1]</sup>

### REFERENCES

[1]. Bounaga S, et al. Cysteinyl peptide inhibitors of Bacillus cereus zinc beta-lactamase. Bioorg Med Chem. 2001 Feb;9(2):503-10.

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

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