

## AMG 118 (Immobilized cephalosporin C acylase)

Cat. No.:	HY-E70137		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

AMG 118 (Immobilized cephalosporin C acylase)

### BIOLOGICAL ACTIVITY

#### Description

AMG 118 Immobilized cephalosporin C acylase is an enzyme that catalyzes in immobilized form and is generally used in industrial catalytic production of the important pharmaceutical intermediate 7-aminocephalosporanic acid (7-ACA). It contains CPC acylase, a highly specialized beta-lactam acylase or peptidase that cleaves the amide bonds between beta-lactams<sup>[1]</sup>.

### REFERENCES

[1]. Gaurav K, Kundu K, Kundu S. Biosynthesis of cephalosporin-C acylase enzyme: optimal media design, purification, and characterization. *Artif Cells Blood Substit Immobil Biotechnol.* 2010 Oct;38(5):277-83.

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

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