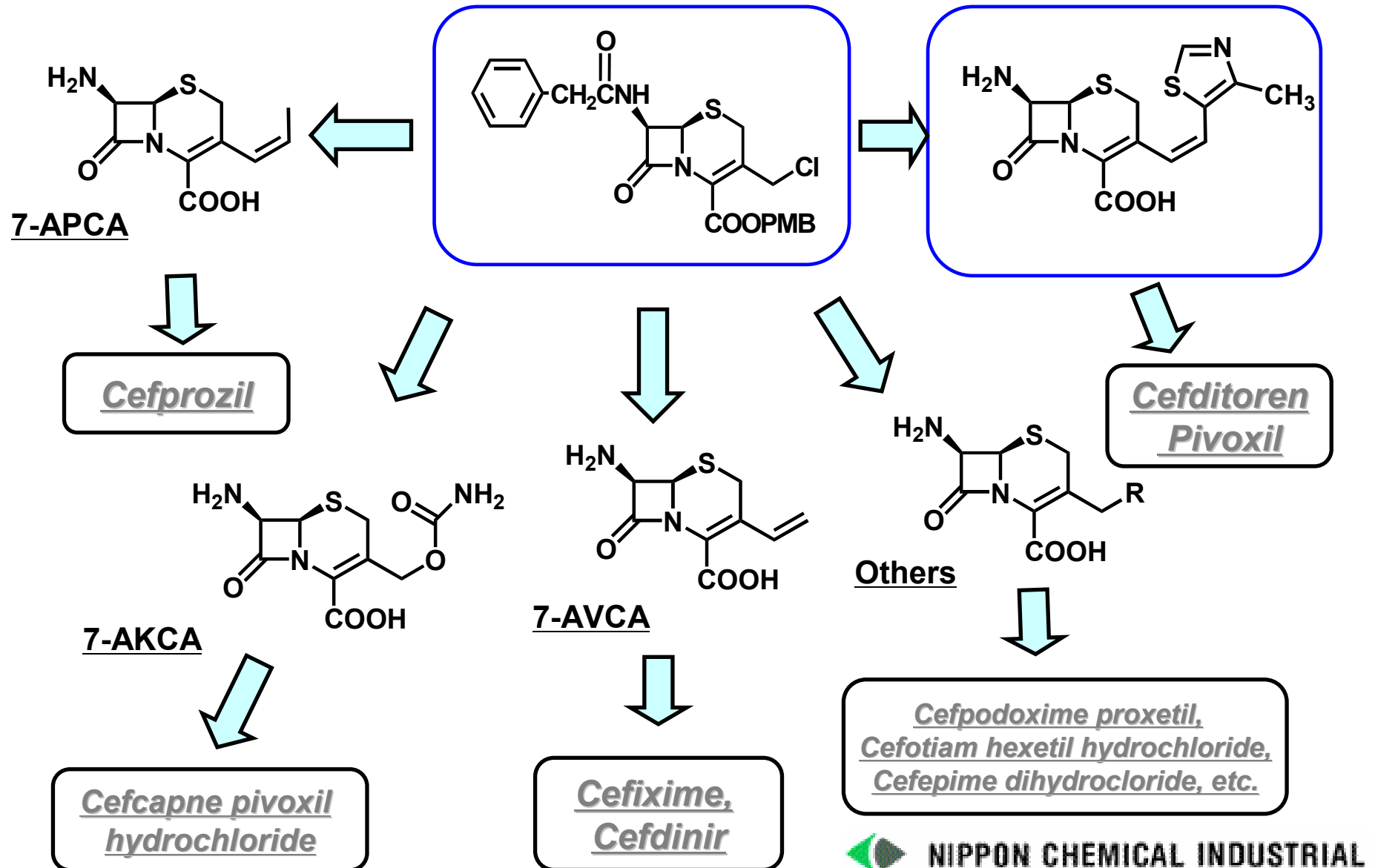


Cephalosporin Key-intermediates

NCI provides several cephem intermediates by commercial scale. Ask us detailed information.

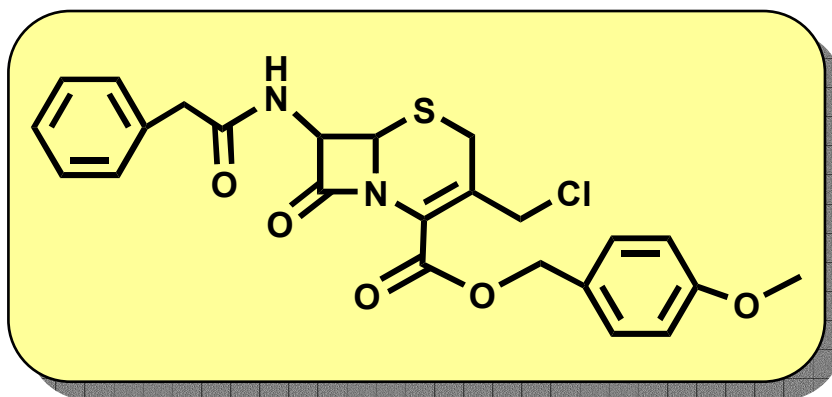


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CMP



This compound is an important intermediates of the cephalosporin widely known as a name of GCLE.

* GCLE is a registered trademark of Otsuka Chemical Co.,Ltd.

Chemical name: 4-methoxybenzyl 3-chloromethyl-8-oxo-7-phenylaceto amido-5-thia-1-azabicyclo[4.2.0]octa-2-ene-2-carboxylate

Chemical formula: $C_{24}H_{23}ClN_2O_5S$

Cas No. : 104143-10-3

		Specification	Typical Batch
Assay		min93.0%	94%up
Related Substance	GCLE-2	max1.0%	0.4%
	GENE	max1.0%	0.4%
	GCLC	max2.0%	1.8%
Water Content		max0.4%	0.1%
Burn Residue		max0.2%	0.1%
Heavy Metal		max20ppm	Pass
Absorbency(420nm)		max0.05	0.02

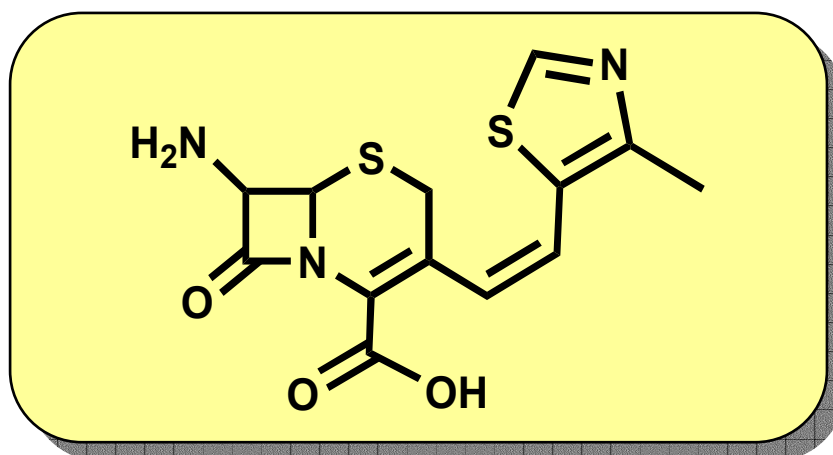
Applications
Cephalosporin antibiotics key intermediates

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7-ATCA



Chemical name: (6R,7R)-7-amino-3-[(Z)-2-(4-methylthiazol-5-yl)etenil]-8-oxo-5-thia-1-azabicyclo[4.2.0]octo-2-ene-2-carboxylicacid

Chemical formula: $C_{13}H_{13}N_3O_3S_2$

Cas No. : 155723-02-7

		Specification	Typical Batch
	Assay	min96.5%	97%up
	E-isomer	max1.0%	0.4%
Related Substance	7-ADCA	max1.0%	0.4%
	PAA	max2.0%	1.8%
	Impurities	max1.3%	1.1%
	Water Content	max0.4%	0.1%
	Burn Residue	max0.2%	0.1%
	Heavy Metal	max20ppm	Pass
	Absorbency(420nm)	max0.05	0.02

Applications
Cefditoren (API) key Intermediates

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