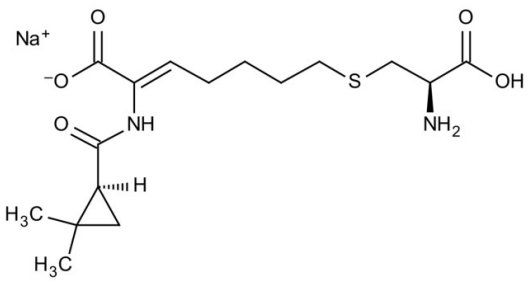
Cilastatin Sodium

DPP inhibitor

Cilastatin is a brush border dipeptidase inhibitor. It inhibits the conversion of leukotriene D4 to leukotriene E4. Nephroprotective in cyclosporine A-induced nephrotoxicity.

Manuals, SDS & CofA

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Na+
O
⁻O
O
NH
S
O
OH
NH2
H
H3C
H3C

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	[R-[R*,S*-(Z)]]-7-[(2-Amino-2-carboxyethyl)thio]-2- [[(2,2-dimethylcyclopropyl)carbonyl]amino]-2- heptenoic acid monosodium salt
Appearance	Off-white solid.
CAS	81129-83-1
Couple Target	DPP
Couple Type	Inhibitor
Formula	$C_{16}H_{25}N_2O_5S$. Na
MW	380.5
Purity	≥98%
Solubility	Soluble in water (25mg/ml) or DMSO (10mg/ml at 37°C).

Last modified: May 29, 2024

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