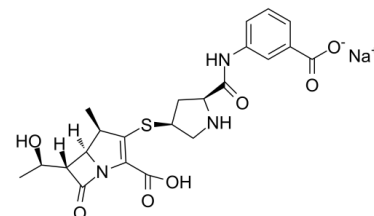


Data Sheet

Product Name:	Ertapenem sodium
Cat. No.:	CS-8020
CAS No.:	153773-82-1
Molecular Formula:	C ₂₂ H ₂₄ N ₃ NaO ₇ S
Molecular Weight:	497.50
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	H ₂ O : 50 mg/mL (100.50 mM; Need ultrasonic and warming)



BIOLOGICAL ACTIVITY:

Ertapenem sodium is a new long-acting 1-β-methyl carbapenem antibiotic with a broad antibacterial spectrum including common aerobic and anaerobic bacteria and organisms with extended-spectrum β-lactamases.

References:

[1]. Hoellman DB, et al. In vitro antianaerobic activity of ertapenem (MK-0826) compared to seven other compounds. Antimicrob Agents Chemother. 2002 Jan;46(1):220-4.

CAIndexNames:

1-Azabicyclo[3.2.0]hept-2-ene-2-carboxylic acid, 3-[[[(3S,5S)-5-[[[(3-carboxyphenyl)amino]carbonyl]-3-pyrrolidinyl]thio]-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-, sodium salt (1:1), (4R,5S,6S)-

SMILES:

O=C([C@H]1NC[C@@H](SC2=C(C(=O)=O)N3[C@]([C@]([C@@H](C)O)([H])C3=O)([H])[C@H]2C)C1)NC4=CC=CC(C([O-])=O)=C4.[Na+]

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

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