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## Cefotiam Hexetil Hydrochloride

产品编号: D58108

CAS: 95789-30-3

分子式: C<sub>27</sub>H<sub>37</sub>N<sub>9</sub>O<sub>7</sub>S<sub>3</sub>·2ClH

纯度: 100%

InChi Key: InChIKey=FFSANQNELHESQJ-LWBICVDYSA-N

Smiles: Cl.Cl.CC(OC(=O)OC1CCCCC1)OC(=O)C1=C(CSc2nnnn2CCN(C)C)CS[C@@H]2[C@H](NC(=O)Cc3csc(N)n3)C(=O)N12

外观: 固体粉末

作用通路: Microbiology/virology

作用靶点: Antibacterial; Antibiotic

溶解性: DMSO:130.1 mM

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Cefotiam Hydrochloride is the hydrochloride salt form of cefotiam, a third-generation, semi-synthetic, beta-lactam cephalosporin antibiotic with antibacterial activity. Cefotiam binds to penicillin-binding proteins (PBPs), transpeptidases that are responsible for crosslinking of peptidoglycan. By preventing crosslinking of peptidoglycan, cell wall integrity is lost and cell wall synthesis is halted.