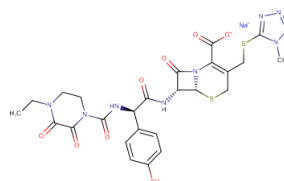


|                          |                                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : Cefoperazone sodium                                                                                                                        |
| <b>Synonyms</b>          | : Cefoneg; Cefosint; CP 52,640-2; Perocef                                                                                                    |
| <b>Cat No.</b>           | : M15378                                                                                                                                     |
| <b>CAS Number</b>        | : 62893-20-3                                                                                                                                 |
| <b>Molecular Formula</b> | : C <sub>25</sub> H <sub>26</sub> N <sub>9</sub> NaO <sub>8</sub> S <sub>2</sub>                                                             |
| <b>Formula Weight</b>    | : 667.65                                                                                                                                     |
| <b>Chemical Name</b>     | : —                                                                                                                                          |
| <b>Description</b>       | : Cefoperazone sodium salt is a cephalosporin antibiotic for inhibition of rMrp2-mediated [3H]E217βG uptake with IC <sub>50</sub> of 199 μM. |
| <b>Pathway</b>           | : GPCR/G Protein                                                                                                                             |
| <b>Target</b>            | : Antibacterial                                                                                                                              |
| <b>Receptor</b>          | : PBPs                                                                                                                                       |
| <b>Solubility</b>        | : Water: 50 g/L                                                                                                                              |
| <b>SMILES</b>            | : <chem>CCN1CCN(C(=O)C1=O)C(=O)N[C@H](C2=CC=C(C(=C2)O)C(=O)N[C@H]3[C@@H]4N(C3=O)C(=C(CS4)CSC5=NN=NN5C)C(=O)[O-])[Na+]</chem>                 |
| <b>Storage</b>           | : (-20°C)                                                                                                                                    |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                                  |
| <b>Reference</b>         | :                                                                                                                                            |



1.Fass RJ, Helsel VL. Diagn Microbiol Infect Dis. 1986 Jan;4(1):77-8