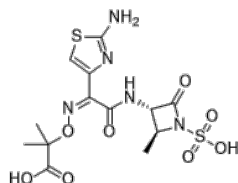


**Product Name** : Aztreonam  
**Cat. No.** : PC-26452  
**CAS No.** : 78110-38-0  
**Batch No.** : PC-2645201  
**Chemical Name** : 2-(((Z)-1-(2-Aminothiazol-4-yl)-2-(((2S,3S)-2-methyl-4-oxo-1-sulfoazetidin-3-yl)amino)-2-oxoethylidene)amino)oxy)-2-methylpropanoic acid

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 435.43  
**Molecular Formula** : C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>8</sub>S<sub>2</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 6 Months

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com