

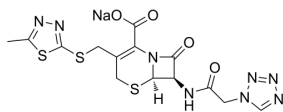
## Cefazolin (sodium)

Cat. No.:	HY-B1078
CAS No.:	27164-46-1
Batch No.:	282314
Chemical Name:	5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 3-[[[5-methyl-1,3,4-thiadiazol-2-yl]thio]methyl]-8-oxo-7-[[2-(1H-tetrazol-1-yl)acetyl]amino]-, sodium salt (1:1), (6R,7R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>14</sub> H <sub>13</sub> N <sub>8</sub> NaO <sub>4</sub> S <sub>3</sub>
Molecular Weight:	476.49
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.08%
Conclusion:	The product has been tested and complies with the given specifications.

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

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