

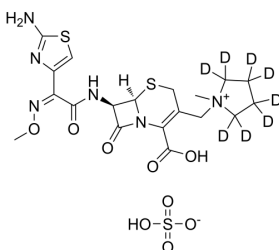
## Cefepime-d<sub>8</sub> (sulfate)

Cat. No.:	HY-143831S
CAS No.:	131857-33-5
Batch No.:	327483
Chemical Name:	Pyrrolidinium-2,2,3,3,4,4,5,5-d <sub>8</sub> , 1-[[7-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-methyl-, [6R-[6α,7β(Z)]]-, sulfate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>19</sub> H <sub>18</sub> D <sub>8</sub> N <sub>6</sub> O <sub>9</sub> S <sub>3</sub>
Molecular Weight:	586.69
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity (HPLC):	99.12%
Isotopic Enrichment:	96.1%
Additional Information:	d <sub>0</sub> =0.29%, d <sub>1</sub> =1.48%, d <sub>2</sub> =0.55%, d <sub>3</sub> =0.47%, d <sub>5</sub> =1.74%, d <sub>7</sub> =7.51%, d <sub>8</sub> =87.96%
Carbon Content(C%):	36.77%
Hydrogen Content(H%):	4.76%
Nitrogen Content(N%):	13.35%
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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