

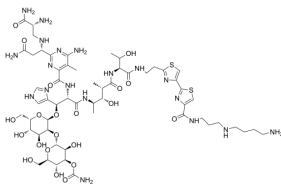
## Bleomycin A5

Cat. No.:	HY-N10470
CAS No.:	11116-32-8
Batch No.:	243246
Chemical Name:	Bleomycinamide, N1-[3-[(4-aminobutyl)amino]propyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>57</sub> H <sub>89</sub> N <sub>19</sub> O <sub>21</sub> S <sub>2</sub>
Molecular Weight:	1440.56
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 (HPLC):	98.55%
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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