

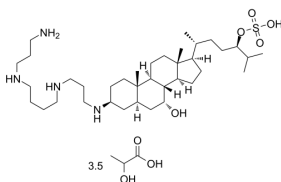
## MSI-1436 lactate

Cat. No.: HY-12219A  
CAS No.: 1309370-86-2  
Batch No.: 26797  
Chemical Name: Cholestane-7,24-diol, 3-[[3-[[4-[(3-aminopropyl)amino]butyl]amino]propyl]amino]-, 24-(hydrogen sulfate), (3 $\beta$ ,5 $\alpha$ ,7 $\alpha$ ,24R)-, 2-hydroxypropanoate (2:7)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{37}H_{72}N_4O_5S \cdot 7/2C_3H_6O_3$   
Molecular Weight: 1000.17  
Storage: Powder -20°C 3 years  
4°C 2 years  
In solvent -80°C 6 months  
-20°C 1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR):  $\geq 95.0\%$   
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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