

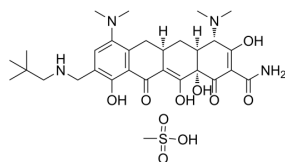
## Omadacycline (mesylate)

Cat. No.:	HY-14865A
CAS No.:	1196800-40-4
Batch No.:	22169
Chemical Name:	2-Naphthacenecarboxamide, 4,7-bis(dimethylamino)-9-[[[(2,2-dimethylpropyl)amino]methyl]-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-, (4S,4aS,5aR,12aS)-, methanesulfonate (1:?)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>30</sub> H <sub>44</sub> N <sub>4</sub> O <sub>10</sub> S
Molecular Weight:	652.76
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:	Light brown to brown (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	98.11%
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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