

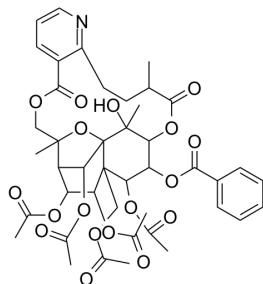
## Wilforine

Cat. No.:	HY-N0899
CAS No.:	11088-09-8
Batch No.:	36990
Chemical Name:	8,11-Epoxy-9,12-ethano-11,15-methano-5H,11H-[1,9]dioxacyclooctadecino[4,3-b]pyridine-5,17(18H)-dione, 10,13,22,23-tetrakis(acetyloxy)-12-[(acetyloxy)methyl]-14-(benzoyloxy)-7,8,9,10,12,13,14,15,19,20-decahydro-21-hydroxy-8,18,21-trimethyl-, (8R,9R,10R,11S,12S,13R,14R,15S,18S,21S,22S,23R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>43</sub> H <sub>49</sub> NO <sub>18</sub>												
Molecular Weight:	867.85												
Storage:	<table><tr><td>Powder</td><td>-20°C</td><td>3 years</td></tr><tr><td></td><td>4°C</td><td>2 years</td></tr><tr><td>In solvent</td><td>-80°C</td><td>6 months</td></tr><tr><td></td><td>-20°C</td><td>1 month</td></tr></table>	Powder	-20°C	3 years		4°C	2 years	In solvent	-80°C	6 months		-20°C	1 month
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	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
LCMS:	Consistent with structure
Purity (LCMS):	98.30%
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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