

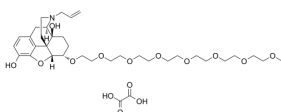
## Naloxegol (oxalate)

Cat. No.: HY-A0118A  
CAS No.: 1354744-91-4  
Batch No.: 19419  
Chemical Name: Morphinan-3,14-diol, 4,5-epoxy-6-(3,6,9,12,15,18,21-heptaooxadocos-1-yloxy)-17-(2-propen-1-yl)-, (5 $\alpha$ ,6 $\alpha$ )-, ethanedioate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>36</sub>H<sub>55</sub>NO<sub>15</sub>  
Molecular Weight: 741.82  
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  
LCMS: Consistent with structure  
Purity (LCMS): 99.90%  
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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