

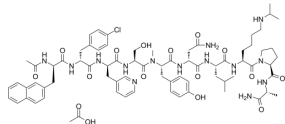
## Certificate of Analysis

**Product Name:** Abarelix (Acetate)  
**Cat. No.:** HY-13534A  
**Batch No.:** 42402  
**Chemical Name:** (R)-N1-(((S)-1-(((S)-1-(((R)-1-amino-1-oxopropan-2-yl)carbamoyl)pyrrolidin-1-yl)-6-(isopropylamino)-1-oxohexan-2-yl)amino)-4-methyl-1-oxopentan-2-yl)-2-((2S,5S,8R,11R,14R)-11-(4-chlorobenzyl)-2-(4-hydroxybenzyl)-5-(hydroxymethyl)-3-methyl-14-(naphthalen-2-ylmethyl)-4,7,10,13,16-pentaoxo-8-(pyridin-3-ylmethyl)-3,6,9,12,15-pentaazaheptadecanamido)succinamide acetate

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>74</sub>H<sub>99</sub>ClN<sub>14</sub>O<sub>16</sub>  
**Molecular Weight:** 1476.12  
**Storage:** Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.62%  
**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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