

Product Data Sheet

Product Name: Abarelix Acetate

Cat. No.: GC35217

Chemical Properties

Cas. No. 785804-17-3

SMILES CC(O)=O.C[C@H](C(N=O)NC([C@H]1N(C([C@H](CCCCNC(C)C)NC([C@H](CC(C)C)NC([C@@H](CC(N=O)NC([C@H](CC2=CC=C(C=C2)O)N(C([C@H](CO)NC([C@@H](CC3=CC=CN=C3)NC([C@@H](CC4=CC=C(Cl)C=C4)NC([C@@H](CC5=CC=C6C=C6C=CC6=C5)NC(C)=O)=O)=O)=O)=O)=O)=O)=O)CCC1)=O

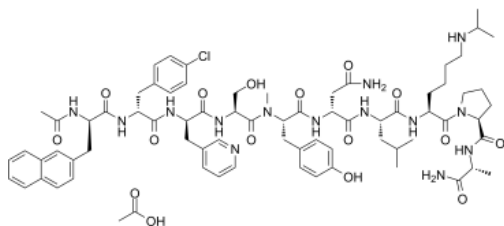
Formula $C_{74}H_{99}ClN_{14}O_{16}$ M.Wt 1476.12

Solubility DMSO: ≥ 100 mg/mL (67.75 mM); Storage Store at $-20^{\circ}C$
Water: 25 mg/mL (16.94 mM)

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Abarelix Acetate (PPI 149 Acetate; R 3827 Acetate) is a potent gonadotrophin-releasing hormone (GnRH) antagonist, used for prostate cancer research[1]. GnRH[1]

Caution: Product has not been fully validated for medical applications. For research use only.

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[1]. Koechling W, et al. A novel GnRH antagonist, causes minimal histamine release compared with abarelix in an ex vivo model of human skin samples. Br J Clin Pharmacol. 2010 Oct;70(4):580-7.

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