

Product Name	: Triptorelin acetate(57773-63-4 free base)
Synonyms	: AY 25650; BIM 21003; CL 118,532; CL 118532; Wy 42422; Wy 42462
Cat No.	: M23559
CAS Number	: 140194-24-7
Molecular Formula	: C ₆₆ H ₈₆ N ₁₈ O ₁₅
Formula Weight	: 1371.5
Chemical Name	: —
Description	: Triptorelin Acetate is used as a GnRH agonist. It decreases pituitary secretion of gonadotropins luteinizing hormone (LH) and follicle-stimulating hormone (FSH) by causing constant stimulation of the pituitary. Triptorelin may be used in the treatment of hormone-responsive cancers such as breast cancer or prostate cancer, precocious puberty, estrogen-dependent conditions, and assisted reproduction.
Pathway	: Others
Target	: Other Targets
Receptor	: GNRHR
Solubility	: DMSO:Soluble; Water:Insoluble
SMILES	: <chem>CC(C)C[C@@H](C(=O)N[C@@H](CCCN=C(N)N)C(=O)N1CCC[C@H]1C(=O)NCC(=O)N)NC(=O)[C@@H](CC2=CNC3=CC=CC=C32)NC(=O)[C@H](CC4=CC=C(C=C4)O)NC(=O)[C@H](CO)NC(=O)[C@H](CC5=CNC6=CC=CC=C65)NC(=O)[C@H](CC7=CN=CN7)NC(=O)[C@@H]8CCC(=O)N8.CC(=O)O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Klein K, Yang J, Aisenberg J,et al. Efficacy and safety of triptorelin 6-month formulation in patients with central precocious puberty. J Pediatr Endocrinol Metab. 2016 Feb 17. pii: /j/jpem.ahead-of-print/jpem-2015-0376/jpem-2015-0376.xml. doi: 10.1515/jpem-2015-0376. [Epub ahead of print] PubMed PMID: 26887034.