

Product Name	: TAK-448 acetate
Synonyms	: MVT-602 acetate
Cat No.	: M29792
CAS Number	: 1470374-22-1
Molecular Formula	: C60H84N16O16
Formula Weight	: 1285.4
Chemical Name	:
Description	: TAK-448 is a KISS1R protein agonist as a oligopeptide analog of kisspeptin, TAK-448 acetate (MVT-602 acetate) is a potent and full KISS1R agonist with an IC50 of 460 pM and an EC50 of 632 pM. (In Vivo): TAK-448 acetate (0.01-3 mg/kg; given i.h.; dosings on day 0 and 28) has greater anti-tumor effects in VCaP xenograft model.
Pathway	: Others
Target	: Other Targets
Receptor	: IC50: 460 pM (KISS1R)
Solubility	: —
SMILES	: —
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

Nishizawa N, et al. Design and Synthesis of an Investigational Nonapeptide KISS1 Receptor (KISS1R) Agonist, Ac-d-Tyr-Hydroxyproline (Hyp)-Asn-Thr-Phe-azaGly-Leu-Arg(Me)-Trp-NH2 (TAK-448), with Highly Potent Testosterone-Suppressive Activity and Excellent Water Solubility. J Med Chem. 2016 Oct 13;59(19):8804-8811.