Orlistat

Product Number O 4139
Storage Temperature 2-8 °C

CAS RN: 96829-58-2

Synonyms: Ro-18-0647; (-)-Tetrahydrolipstatin; N-formyl-L-leucine (1S)-1-[[2S,3S)-3-hexyl-4-oxo-2-oxetanyl]methyl]dodecyl ester

Molecular Formula: C_{29}H_{53}NO_{5}
Molecular Weight: 495.73

Product Description
Orlistat, an anti-obesity agent, acts locally in the gastrointestinal tract to inhibit lipase, an enzyme that is necessary for the digestion of long-chain triglycerides. It is minimally absorbed and helps reduce body weight by inhibiting absorption of ingested dietary fat by approximately 30%. It can be a useful adjunctive therapy for weight loss and maintenance in obese patients willing to undergo changes in diet and exercise routines.

Orlistat can also impact cardiovascular risk factors including total and low-density lipoprotein cholesterol, blood pressure and plasma glucose when accompanied by dietary changes.¹

Precautions and Disclaimer
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions
Soluble in DMSO at 19 mg/mL

Storage/Stability
Store at 2-8 °C.

References

AH/PHC 11/04