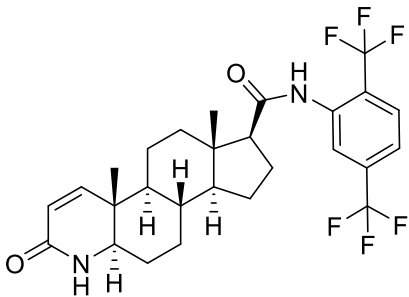


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
206219	Dutasteride	TZC50617

Chemical name	
(4aR,4bS,6aS,7S,9aS,9bS,11aR)-N-(2,5-bis(trifluoromethyl)phenyl)-4a,6a-dimethyl-2-oxo-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-1H-indeno[5,4-f]quinoline-7-carboxamide	
Synonyms	
Dutasteride; Brand name: Avodart, Avidart, Avolve, Duagen, Dutas, Dutagen, Duprost	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206219 Name: Dutasteride CAS#: 164656-23-9 Lot#TZC50617 Chemical Formula: C ₂₇ H ₃₀ F ₆ N ₂ O ₂ Exact Mass: 528.22115 Molecular Weight: 528.53

Analysis item	Specifications / Results
Appearance	White to pale yellow powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>99.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Self life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE