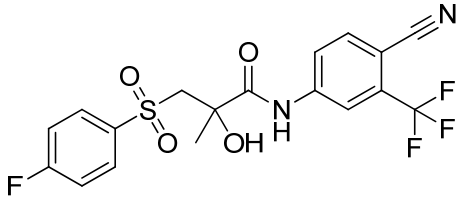


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100084	Bicalutamide	YYP30918

Chemical name	
N-(4-cyano-3-(trifluoromethyl)phenyl)-3-((4-fluorophenyl)sulfonyl)-2-hydroxy-2-methylpropanamide	
Synonyms	
ICI 176334; ICI-176334; ICI176334; Abbreviation: CDX. US brand name: Casodex. Foreign brand name: Cosudex.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100084 Name: Bicalutamide CAS#: 90357-06-5 Lot#: YYP30918 Chemical Formula: C ₁₈ H ₁₄ F ₄ N ₂ O ₄ S Exact Mass: 430.06104 Molecular Weight: 430.37

Analysis item	Specifications / Results
Appearance	White to off-white solid 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)	>98.0%
Solubility	Soluble to 100 mM in DMSO and to 10 mM in ethanol
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
Shelf life	At least 5 years if properly stored.

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