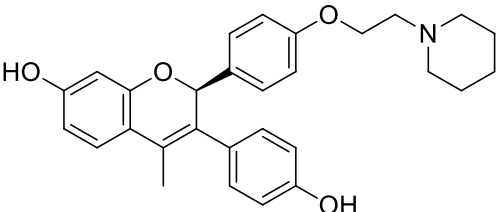




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
204170	Acolbifene	BBC41106

Chemical name	
(S)-3-(4-hydroxyphenyl)-4-methyl-2-(4-(2-(piperidin-1-yl)ethoxy)phenyl)-2H-chromen-7-ol	
Synonyms	
EM 652; EM-652; EM652; SCH57068; SCH-57068; SCH 57068; Acolbifene.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo# 204170 Name: Acolbifene CAS#182167-02-8 Lot# BBC41106 Chemical Formula: C ₂₉ H ₃₁ NO ₄ Exact Mass: 457.22531 Molecular Weight: 457.56

Analysis item	Specifications / Results
Appearance	Yellow 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)	>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
Shelf life	At least 5 years if properly stored.

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