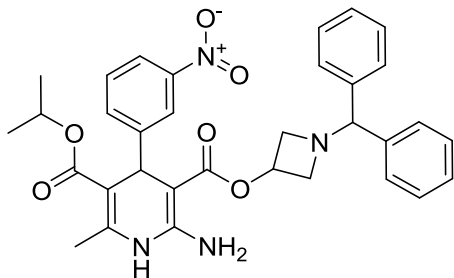


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
326711	Azelnidipine	T7C05I18

Chemical name	
3-(1-benzhydrylazetidin-3-yl) 5-isopropyl 2-amino-6-methyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylate	
Synonyms	
CS 905; CS-905; CS905; CCRIS 8650; CCRIS8650; CCRIS-8650; Azelnidipine; brand name CalBlock	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 326711 Name: Azelnidipine CAS#: 123524-52-7 Lot#: T7C05I18 Chemical Formula: C ₃₃ H ₃₄ N ₄ O ₆ Exact Mass: 582.2478 Molecular Weight: 582.65

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 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