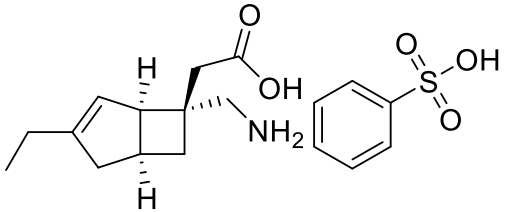




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319552	Mirogabalin besylate	C8R07B10

Chemical name	
2-((1R,5S,6S)-6-(aminomethyl)-3-ethylbicyclo[3.2.0]hept-3-en-6-yl)acetic acid compound with benzenesulfonic acid (1:1)	
Synonyms	
DS-5565; DS 5565; DS5565; A-2000700; Mirogabalin; Mirogabalin besylate	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319552 Name: Mirogabalin besylate CAS#: 1138245-21-2 (besylate) Lot# C8R07B10 Chemical Formula: C ₁₈ H ₂₅ NO ₅ S Exact Mass: 367.1453 Molecular Weight: 367.46

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