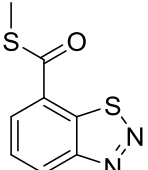




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
584149	Acibenzolar-S-methyl	S8G10M04

Chemical name	
1,2,3-Benzothiadiazole-7-carbothioic acid, S-methyl ester	
Synonyms	
Acibenzolar-S-methyl; Acibenzolar S-methyl; Acibenzolar S methyl; Actigard; Bendicar; Bion, BTH	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 584149 Name: Acibenzolar-S-methyl CAS#: 135158-54-2 Lot#: S8G10M04 Chemical Formula: C ₈ H ₆ N ₂ OS ₂ Exact Mass: 209.9922 Molecular Weight: 210.26

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