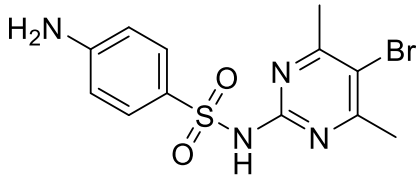




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
461673	Sulfabromomethazine	YXM90828

Chemical name	
4-amino-N-(5-bromo-4,6-dimethylpyrimidin-2-yl)benzenesulfonamide	
Synonyms	
5-Bromosulfamethazine; Bromosulfamethazine; NSC 5874; SN 3517; Sulfabrom ; Sulfabromomethazine	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 461673 Name: Sulfabromomethazine CAS#: 116-45-0 Lot#: YXM90828 Chemical Formula: C ₁₂ H ₁₃ BrN ₄ O ₂ S Exact Mass: 355.9943 Molecular Weight: 357.22

Analysis item	Specifications / Results
Appearance	Orange 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 1M sodium hydroxide, soluble in acetic acid, slightly soluble in DMSO and ethanol, not soluble in water.
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