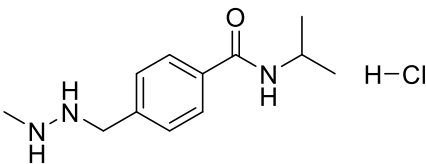


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100760	Procarbazine HCl	A9T08K08

Chemical name	
N-isopropyl-4-((2-methylhydrazinyl)methyl)benzamide hydrochloride	
Synonyms	
CB 400-497; NSC-77213; Ro 4-6467; Ro 4-6467/1; Procarbazine Hydrochloride; PCB Hydrochloride; PCZ; Procarbazin. Matulane. Natulan; Natulanar; Natunalar	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100760 Name: Procarbazine HCl CAS#: 366-70-1 (HCl) Lot#: A9T08K08 Chemical Formula: C ₁₂ H ₂₀ ClN ₃ O Exact Mass: 221.15281 Molecular Weight: 257.76

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)	>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