



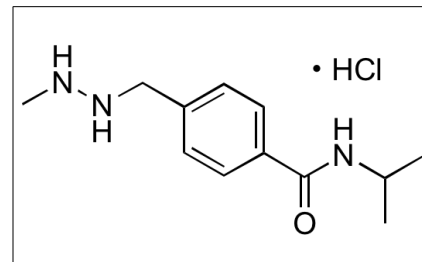
LKT Laboratories, Inc.

Procarbazine Hydrochloride

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Product Information

Product ID P6858
CAS No. 366-70-1
Chemical Name N-(1-Methylethyl)-4-[(2-methylhydrazino)methyl]-benzamide hydrochloride
Synonym Matulane, Natulan
Formula $C_{12}H_{19}N_3O \cdot HCl$
Formula Wt. 257.76
Melting Point 223-226°C
Purity ≥97%
Solubility Soluble in water.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
P6858	100 mg	\$74.90
P6858	500 mg	\$194.70
P6858	1 g	\$299.60

Store Temp Ambient

Ship Temp Ambient

Description Procarbazine is a hydrazine derivative that exhibits anticancer chemotherapeutic activity. Procarbazine acts as a DNA alkylator and induces double stranded DNA breaks and causes oxidative damage. Clinically, procarbazine is used to treat Hodgkin's lymphoma and brain cancers. This compound also inhibits monoamine oxidase (MAO).

References Ogawa K, Hiraku Y, Oikawa S, et al. Molecular mechanisms of DNA damage induced by procarbazine in the presence of Cu(II). *Mutat Res.* 2003 Aug 5;539(1-2):145-55. PMID: 12948823.

Kyrtopoulos SA, Anderson LM, Chhabra SK, et al. DNA adducts and the mechanism of carcinogenesis and cytotoxicity of methylating agents of environmental and clinical significance. *Cancer Detect Prev.* 1997;21(5):391-405. PMID: 9307842.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.