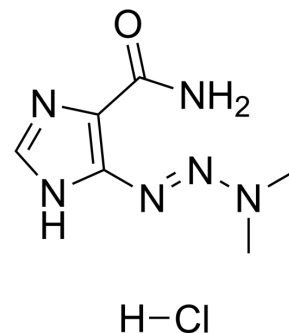


Dacarbazine hydrochloride

Cat. No.:	HY-B0078B
CAS No.:	17925-90-5
Molecular Formula:	C ₆ H ₁₁ ClN ₆ O
Molecular Weight:	218.64
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dacarbazine hydrochloride is a cell cycle nonspecific antineoplastic alkylating agent. Dacarbazine hydrochloride inhibits T and B lymphoblastic response, with IC₅₀ values of 50 and 10 µg/mL, respectively. Dacarbazine hydrochloride can be used for the research of metastatic malignant melanoma^{[1][2]}.

CUSTOMER VALIDATION

- Theranostics. 2020 Jul 25;10(21):9477-9494.
- J Mol Med (Berl). 2019 Aug;97(8):1183-1193.
- Exp Cell Res. 2020 Aug 1;393(1):112054.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Rojo JM, et al. Inhibition of T and B lymphoblastic response by mithramycin, dacarbazine, prospidium chloride and peptichemio. *Chemotherapy*. 1983;29(5):345-51.
- [2]. Al-Badr AA, et al. Dacarbazine. *Profiles Drug Subst Excip Relat Methodol*. 2016;41:323-77.

Caution: Product has not been fully validated for medical applications. For research use only.

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