

Product Name:	Dacarbazine
Product Number:	D075
CAS Number:	4342-03-4
Molecular Formula:	$C_6H_{10}N_6O$
Molecular Weight:	182.18
Description:	Dacarbazine is an alkylating antineoplastic agent, a chemotherapy drug used in the treatment of numerous cancers including Hodgkin's lymphoma.
Mechanism of Action:	When converted to its active form, dacarbazine methylates the DNA base guanine at the O-6 position, causing DNA damage which will lead to cell death.
References:	Sanada, M., Hidaka, M., Takagi, Y., Takano, T. Y., Nakatsu, Y., Tsuzuki, T., & Sekiguchi, M. (2007). Modes of actions of two types of anti-neoplastic drugs, dacarbazine and ACNU, to induce apoptosis. Carcinogenesis, 28(12), 2657-2663. doi:10.1093/carcin/bgm188