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产品名称: 哌泊溴烷
产品别名: **Pipobroman**

生物活性:					
Description	Pipobroman is an anti-cancer drug that probably acts as an alkylating agent. Target: Pipobroman is a neutral amide of piperazine with a chemical structure close to that of alkylating agents. Pipobroman has well documented clinical activity in polycythemia vera (PV) and essential thrombocythemia (ET). Pipobroman allows, within 3 months, to attain a response in more than 90% of patients, without clinically relevant toxicities. The 10-years risk of thrombosis of patients treated with Pipobroman is about 15%, The anti-proliferative activity of Pipobroman on bone marrow megakaryocytes seems of particular value in lowering the occurrence of post-PV and post-ET MMM, whose risk (< 4% at 10 years) is the lowest registered with available treatments. The 10-year risk of acute leukemia with Pipobroman is 5% in PV and 3% in ET, which is only slightly higher than that expected as a natural evolution of the disease. In conclusion, the use of Pipobroman is a definite alternative to hydroxyurea in patients with PV and ET at high risk of thrombosis.				
Solvent&Solubility	<i>In Vitro:</i> DMSO : ≥ 36 mg/mL (101.11 mM) * "≥" means soluble, but saturation unknown.				
		Solvent Mass Concentration	1 mg	5 mg	10 mg
	Preparing	1 mM	2.8086 mL	14.0430 mL	28.0859 mL
	Stock Solutions	5 mM	0.5617 mL	2.8086 mL	5.6172 mL
		10 mM	0.2809 mL	1.4043 mL	2.8086 mL
*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液。一旦配成溶液，请分装保存，避免反复冻融造成的产品失效。 储备液的保存方式和期限 -80°C, 6 months; -20°C, 1 month。 -80°C 储存时，请在 6 个月内使用， -20°C 储存时，请在 1 个月内使用。					
References	[1]. Passamonti F, et al. Treatment of polycythemia vera and essential thrombocythemia: the role of pipobroman. Leuk Lymphoma. 2003 Sep;44(9):1483-1488.				