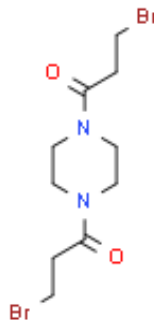


Product Data Sheet

Cas No.:	54-91-1	Cat. No:	PL04616
Product Name:	Pipobroman		
Product synonym:	哌泊溴烷;1,4-双(3-溴-1-氧代丙基)哌嗪		
Chemical name:	Pipobroman		
MF:	C10H16N2O2BR2	FW:	356.05424
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(N1CCN(C(CBr)=O)CC1)CCBr		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Pipobroman 是哌嗪的溴化衍生物，是一种有效的烷基化剂 (alkylating agent)。Pipobroman 通过抑制 DNA 和 RNA 聚合酶或减少嘧啶核苷酸掺入 DNA 发挥其作用。Pipobroman 可用于癌症研究，包括真性红细胞增多症、骨髓增生性肿瘤、AML 等。

生物活性	Pipobroman is a bromide derivative of piperazine and acts as an alkylating agent. Pipobroman plays its role by inhibiting DNA and RNA polymerase or by reducing pyrimidine nucleotide incorporation into DNA. Pipobroman can be used for the cancer research, including polycythemia vera, myeloproliferative neoplasm, and AML et.al.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : ≥ 36 mg/mL (101.11 mM)配制储备液