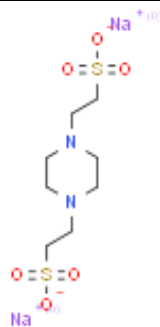


## Product Data Sheet

Cas No.:	76836-02-7	Cat. No:	PL14053
Product Name:	PIPES disodium		
Product synonym:	1,4-哌嗪二乙磺酸二钠盐;哌嗪-1,4-双(2-乙磺酸)二钠盐[生物研究用Good's缓冲液中的成分];1,4-哌嗪二乙磺酸二钠盐 PIPES.2Na;1,4-哌嗪二乙磺酸二钠盐(PIPES-2Na);1,4-哌嗪二乙磺酸二钠盐 PIPES-2NA;PIPES 二钠盐;PIPES-2NA哌嗪二乙磺酸二钠盐;哌嗪-1,4-二乙磺酸二钠盐;哌嗪N,N'二乙基磺酸2钠盐;哌嗪-N,N'-二(2-乙磺酸)二钠盐;哌嗪-1,4-二乙磺酸二钠;哌嗪-1,4-双(2-乙磺酸)二钠盐;哌嗪-N,N`-双(2-乙磺酸)二钠盐;派引己烷磺酸;1,4-哌嗪二乙磺酸 二钠盐;哌嗪-1,4-双(2-乙磺酸)二钠盐		
Chemical name:	PIPES disodium		
MF:	C8H16N2O6S2·2.2[NA+]	FW:	346.33204
Purity:	≥97%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C1CN(CCN1CCS(=O)(=O)[O-])CCS(=O)(=O)[O-].[Na+].[Na+]		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

PIPES (1,4-Piperazinediethanesulfonic acid) disodium 是 PIPES 缓冲液的重要组成部分，常用作生化试剂。

生物活性	PIPES (1,4-Piperazinediethanesulfonic acid) disodium is an important component of PIPES buffer agent used in biochemistry.
体外研究(In Vitro)	To prepare the pH PIPES buffer, 173 g of 1,4-piperazinediethanesulfonic acid are dissolved into 1 L of deionized water. The pH of the PIPES buffer is adjusted to 6.8 by adding pellets of sodium hydroxide. PIPES disodium can be used to PIPES buffer, it can prevent the glutaraldehyde fixation induced lipid loss and artifacts. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	4°C, sealed storage, away from moisture In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)
溶解度数据	In Vitro: H <sub>2</sub> O : 100 mg/mL (288.74 mM; Need ultrasonic)配制储备液