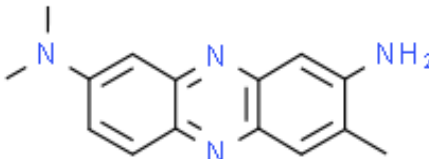


Product Data Sheet

Cas No.:	553-24-2	Cat. No:	PL14124
Product Name:	Neutral Red		
Product synonym:	中性红;3-氨基-7-二甲基氨基-2-甲基吩嗪盐酸盐;碱性红5;中性红 奎诺二甲基丁烷;中性红, 低pH;中性红, 指示剂 (pH 6.8 - 8.0);中性红,BS;中性红,IND;中性红溶液;2-甲基-3-氨基-6-二甲氨基二氮杂蒽盐酸盐;3-氨基-6-二甲氨基-2-甲基吩嗪盐酸盐;N8,N8-3-三甲基-2,8-吩嗪二胺单盐酸盐;N8-3-三甲基-2,8-吩嗪二胺单盐酸盐;二苯乙烯红;核固红;碱性红5;3-氨基-7-二甲基氨基-2-甲基吩嗪盐酸盐;奎诺二甲基丁烷;生物染色级;中性红指示液（药典）,Basic Red 5;3-氨基-6-二甲氨基-2-甲基吩嗪 盐酸盐;碱性红 5;中性红 溶液		
Chemical name:	Neutral Red		
MF:	C15H16N4.HCL	FW:	288.77528
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:	<div></div> <div>HCl</div>		
λmax:	-	Formulation:	-
Solubility :			
SMILES :	NC1=C(C)C=C2N=C3C=CC(N(C)C)=CC3=NC2=C1.[H]Cl		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Neutral Red 是一种含氮 pH 指示剂，其 pK_i 值为6.8，是类囊体内部酸化的指示剂。Neutral Red 可将溶酶体染成红色。

生物活性	Neutral Red, a nitrogenous pH-indicator with a pK _i of 6.8, is an indicator for the internal acidification of thylakoids. Neutral Red stains lysosomes red.
体外研究(In Vitro)	As cells begin to die, their ability to incorporate neutral red diminishes. The neutral red is also used to stain cell cultures for plate titration of viruses. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	4°C, sealed storage, away from moistur In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)
溶解度数据	In Vitro: DMSO : 50 mg/mL (173.14 mM; Need ultrasonic)配制储备液