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PDTC (NF- κ B抑制剂/抗氧化剂)

产品编号	产品名称	包装
S1808	PDTC (NF- κ B抑制剂/抗氧化剂)	1g

产品简介:

- PDTC的全称为Ammonium pyrrolidinedithiocarbamate或Pyrrolidinedithiocarbamic acid, ammonium salt, 是一种可以通透细胞膜的NF- κ B活化(NF- κ B activation)抑制剂, 可以在多种细胞中抑制NF- κ B的激活。PDTC也是一种抗氧化剂(antioxidant), 也是一种金属离子螯合剂(metal chelator), 并且可以在酸性溶液中沉淀As, Bi, Cd, Co, Cu, Fe, Mn, Ni, Pb, Sb, Sn, V, Zn等重金属。PDTC可以诱导大鼠平滑肌细胞发生凋亡, 也可以抑制白血病细胞HL-60发生凋亡。
- PDTC分子量为164.29, 分子式为C₅H₉NS₂·NH₃, CAS Number: 5108-96-3。本产品为进口分装, 纯度大于99%。
- PDTC可溶于水(1mg/ml), 在DMSO中的溶解度可达到100mM。

包装清单:

产品编号	产品名称	包装
S1808	PDTC (NF- κ B抑制剂/抗氧化剂)	1g
—	说明书	1份

保存条件:

4°C保存。配制成母液后-20°C可保存3个月。

注意事项:

- 本产品对人体有刺激性, 操作时请小心, 并注意适当防护以避免直接接触人体或吸入体内。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

使用说明:

1. PDTC常见使用浓度范围为10-100 μ M。具体的最佳工作浓度请参考相关文献, 或根据实验目的, 以及所培养的特定细胞和组织, 通过实验进行摸索和优化。

使用本产品的文献:

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