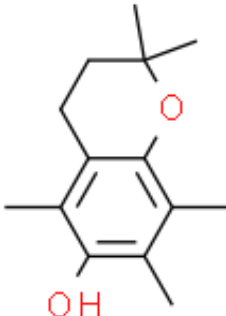


Product Data Sheet

Cas No.:	950-99-2	Cat. No:	PL01862
Product Name:	2,2,5,7,8-Pentamethyl-6-Chromanol		
Product synonym:	2,2,5,7,8-五甲基-6-酚;3,4-二氢-2,2,5,7,8-五甲基-2H-1-苯并吡喃-6-酚		
Chemical name:	2,2,5,7,8-Pentamethyl-6-Chromanol		
MF:	C14H20O2	FW:	220.307404518127
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	OC1C(C)=C2C(OC(CC2)(C)C)=C(C)C=1C		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

2,2,5,7,8-Pentamethyl-6-Chromanol (PMC) 是维生素 E (α-tocopherol) 的抗氧化部分。2,2,5,7,8-Pentamethyl-6-Chromanol 具有有效的雄激素受体 (androgen receptor) 信号调节和抗前列腺癌细胞系的抗癌活性。

生物活性	2,2,5,7,8-Pentamethyl-6-Chromanol (PMC) is the anti-oxidant moiety of vitamin E (α-tocopherol). 2,2,5,7,8-Pentamethyl-6-Chromanol has potent androgen receptor (AR) signaling modulation and anti-cancer activity against prostate cancer cell lines.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 250 mg/mL (1134.76 mM; Need ultrasonic)配制储备液