

Product Data Sheet

Cas No.:	67776-06-1	Cat. No:	PL07844
Product Name:	s	-Nitroso-N-acetyl-DL-penicillamiı	ne
Product synonym:	S-亚硝基-N-乙酰基-DL-青霉胺;N-乙酰基-3-(研	流代亚硝基)-DL-缬氨酸;S-亚硝基 霉胺	基-N-乙酰-DL-青霉胺;S-亚硝基N-乙酰基-DL-青
Chemical name:	S-Nitroso-N-acetyl-DL-penicillamine		
MF:	C7H12N2O4S	FW:	220.2462
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	S(C(C([H])([H])[H])(C([H])([H])[H])C([H])(C(=O)O[H])N([H])C(C([H])([H])[H])=O)N=O		
InChI Code:		-	
InChl Key:			
WARNING This product is not for human or veterinary use.			

Product Description

S-Nitroso-N-acetyl-DL-penicillamine (SNAP) 是一种一氧化氮供体,是一种稳定的血小板聚集抑制剂。

生物活性	S-Nitroso-N-acetyl-DL-penicillamine (SNAP) is a nitric oxide donor and acts as a stable inhibitor of platelet aggregation.		
体外研究(In Vitro)	 S-Nitroso-N-acetyl-DL-penicillamine (10 mM; 8 hours) induces toxicity of about 80% after 6 hours under normoxic conditions by releasing nitric oxide (NO). S-Nitroso-N-acetyl-DL-penicillamine has a half-time about 6 hours in in isolated rat ventricular myocytes. S-Nitroso-N-acetyl-DL-penicillamine (100 μM; 30 minutes) causes sustained decrease in the basal pHi in isolated rat ventricular myocytes. has not independently confirmed the accuracy of these methods. They are for reference only. 		
体内研究(In Vivo)	SNAP (100μM, 300μM) causes small but significant increases of the electrically evoked [H]-acetylcholine release in guinea-pig tracheal. has not independently confirmed the accuracy of these methods. They are for reference only.		
包装储存	Powder -20°C 3 years; 4°C 2 years		

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溶解度数据	In Vitro: DMSO : 250 mg/mL (1135.07 mM; Need ultrasonic)H2O : 11.11 mg/mL (50.44 mM; Need ultrasonic)配制储备液
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