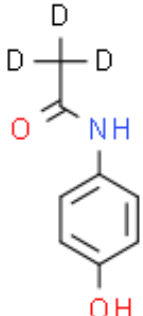


Product Data Sheet

Cas No.:	60902-28-5	Cat. No:	PL15130
Product Name:	Acetaminophen-d3		
Product synonym:	醋氨酚-d3;N-(4-羟苯基)乙酰胺-2,2,2-d3;对乙酰氨基酚-D3标准品;对乙酰氨基酚-d3;对乙酰氨基酚-D3氘代;扑热息痛D3;扑热息痛-D3 标准品		
Chemical name:	Acetaminophen-d3		
MF:	C8H6D3NO2	FW:	154.181
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	[2H]C([2H])(C(NC1=CC=C(O)C=C1)=O)[2H]		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Acetaminophen-d₃ 是 Acetaminophen 的氘代物。Acetaminophen (Paracetamol) 是选择性环氧合酶-2 (COX-2) 的抑制剂, IC₅₀ 值为 25.8 μM。Acetaminophen 是一种有效的肝 N-乙酰转移酶 2 (NAT2) 抑制剂。Acetaminophen 是广泛使用的解热和止痛剂。

生物活性	Acetaminophen-d 3 is the deuterium labeled Acetaminophen. Acetaminophen (Paracetamol) is a selective cyclooxygenase-2 (COX-2) inhibitor with an IC ₅₀ of 25.8 μM; is a widely used antipyretic and analgesic agent[1][2][3]. Acetaminophen is a potent hepatic N-acetyltransferase 2 (NAT2) inhibitor[4].
体外研究(In Vitro)	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; In solvent -80°C 6 months