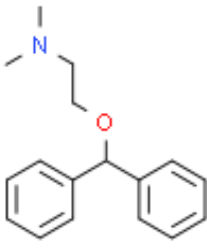


Product Data Sheet

Cas No.:	1219795-16-0	Cat. No:	PL14968
Product Name:	Diphenhydramine-d5 (hydrochloride)		
Product synonym:	盐酸苯海拉明-D5氘代内标;2-氟-3-胺基苯甲醚;苯海拉明-D5盐酸;苯海拉明-d5盐酸盐(苯基-d5);五氘代盐酸苯海拉明;盐酸苯海拉明-D5;DIPHENHYDRAMINE D5 HYDROCHLORIDE		
Chemical name:	Diphenhydramine-d5 (hydrochloride)		
MF:	C17H22CLNO	FW:	291.815683841705
Purity:	-	Batch No.:	-
Storage:			
Structural formula:	<div> H Cl</div>		
λmax:	-	Formulation:	-
Solubility :			
SMILES :	C(C1C=CC=CC=1)(C1C([H])=C([H])C([H])=C([H])C=1[H])OCCN(C)C.Cl		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Diphenhydramine-d₅ (hydrochloride) 是 Diphenhydramine hydrochloride 的氘代物。Diphenhydramine hydrochloride 是第一代具有抗胆碱能作用的组胺 H1 受体 (histamine H1-receptor) 拮抗剂。Diphenhydramine hydrochloride 能透过血脑屏障。

生物活性	Diphenhydramine-d 5 (hydrochloride) is the deuterium labeled Diphenhydramine hydrochloride. Diphenhydramine hydrochloride is a first-generation histamine H1-receptor antagonist with anti-cholinergic effect. Diphenhydramine hydrochloride can across the ovine blood-brain barrier (BBB)[1][2].
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	Please store the product under the recommended conditions in the Certificate of Analysis.